THE TORINO INSERT

DIRECT VENTED GAS ROOM HEATER

FOR USE WITH NATURAL GAS OR PROPANE

USERS' INSTALLATION OPERATION & MAINTENANCE MANUAL

WARNING: If the information in this manual is not followed exactly, fire or explosion may result causing property damage, personal injury or loss of life.

— Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

— **WHAT TO DO IF YOU SMELL GAS**
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

— Installation and service must be performed by a qualified installer, service agency or the gas supplier.

This appliance may be installed in an aftermarket permanently located, manufactured (mobile) home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

INSTALLER: PLEASE LEAVE THIS MANUAL WITH THE CUSTOMER
CUSTOMER: PLEASE KEEP MANUAL FOR FUTURE REFERENCE

Pour la version française de nos manuels S.V.P. vous référez à notre site web : www.blazeking.com

C US
Intertek

Version 1.05
July2010

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MANUFACTURED IN CANADA BY:

Valley Comfort Systems Inc.
1290 Commercial Way
Penticton, BC
V2A 3H5

Ph# 1-250-493-7444
Email sales@blazeking.com

Patents Pending

MANUFACTURED IN USA BY:

Blaze King Industries
146 A Street
Walla Walla, WA.
99362

Ph# 1-509-522-2730
Email ussales@blazeking.com

INTRODUCTION

Thank you for purchasing the The Torino Insert Fireplace Gas Heater.
The Torino insert is one of the most advanced direct vented fireplace insert gas heaters on the market. It is designed using the latest technology and manufactured to the highest quality.

Some of the many features are:

∗ Electronic Valve	Intermittent pilot & remote capability.
∗ Heater Classification	It is classified as a heating appliance. Therefore, it can be operated continuously for zone heating.
∗ Adjustable Flame	The flame aesthetics and heat output can be adjusted to suit the owner's moods and heating needs.
∗ Solid Construction	It is constructed mainly of 16 and 14 gauge steel with stainless steel baffle for long life and durability.

Please read the manual carefully prior to installation and operation of the appliance. Proper installation, operation and maintenance of the appliance will provide you with many years of enjoyment.

CAUTION

Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.

Children and adults should be alerted to the hazards of high surface temperature and stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the same room as the appliance.

Clothing or other flammable material should not be placed on or near the appliance.

Any parts removed or opened for servicing of the appliance must be properly replaced prior to operating the appliance.

Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

The appliance must be inspected before use and at least annually by a qualified service person. More frequent cleaning maybe required due to excessive lint from carpeting, bedding material, etc. It is imperative that the control compartments, burners and circulating air passageways for the appliance be kept clean.

Venting terminals shall not be recessed into a wall or siding.

This gas appliance must not be connected to a chimney flue serving a separate solid fuel burning appliance.

Note: A copy of the certification label is provided here for your review. Due to constant up-grades it is possible that the information shown here may not coincide with the label as attached to the unit. In the event of a discrepancy between the labels, the label on the unit is considered as the correct

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Certified for U.S. and Canada
Certifié pour le Canada et les Etas -Unis

Listed Vented Gas Fireplace Heater/Foyer chauffé au gaz avec évent
The Torino insert

Serial No. -

This stove is factory equipped for 0-762m (0-2500 ft)
Ce foyer est manufacturé et équipé pour 0-762m (0- 2500pied)

ANSI Z21.88b-2009/CSA 2.33b-2009, "Vented Gas Fireplace Heaters", CAN/CGA-2.17- M91 "Gas Fireplaces For Use At High Altitudes. "
Testé à ANSI Z21.88b-2009•CSA 2.33B-2009 "Foyer au gaz avec évent et CAN/CGA 2.17– M91 "Appareils de chauffage au gaz utilisés en hautes altitudes"

Model: Torino rear and top vent appliance Modèle: Torino à ventilation arrière et de dessus Orifice (DMS) 0-1370 m	☐ NATURAL GAS 43 left/gauche 54 right/droit	☐ LP GAS 55 left/gauche 60 right/droit
Input rating/Puissance d'entrée (BTU/hr / Kw) 0-1370m 0-4,500 ft Alt.	32,200 / 9.44	32,800 / 9.61
Minimum Input/Entrée Minimum (BTU/hr / Kw)	23,800 / 6.97	25,500 / 7.47
Manifold Pressure High setting (In w.c. / kPa) - AF-4034 Valves	3.5 / 0.87	10.0 / 2. 49
Manifold Pressure Lo setting (In w.c. / kPa)- AF-4034 Valves	1.6 / 0.40	6.3 / 1.57
Minimum Inlet Pressure/Pression d'admission Minimum (In w.c. / kPa)`	5.0 / 1.24	12.0 / 3.00

This appliance must be installed in accordance with local codes if any: if not follow ANSI Z223.1 and CAN 1- B149 Gas Appliance Installation Code *ANSI Z223.1/NFPA 54* or *Natural Gas and Propane Installation Codes CSA B149.1* . Cet appareil doit être installé selon les codes locaux, s'il y en a: sinon suivez l'actuel ANSI Z223.1 et CAN 1-B149 Appareil au Gaz Code *ANSI Z223.1/NFPA 54* ou Gaz Naturel et Propane Codes *CSA B149*

VENTED GAS FIREPLACE HEATER —NOT FOR USE WITH SOLID FUEL
FOYER AU GAZ AVEC ÉVENT —NE PAS UTILISER AVEC DU COMBUSTIBLE SOLIDE

FOR USE WITH GLASS DOORS CERTIFIED WITH THE APPLIANCE ONLY. /UTILISER SEULEMENT AVEC DES PORTES VITRÉES CERTIFIÉES POUR CET APPAREIL.
ALSO FOR USE IN OEM / MOBILE (MANUFACTURED) HOMES AFTER HOME IS ON SITE. Convertible for use with natural gas or propane as follows:
For natural gas when equipped with orifice #'s 43 left / 54 right. For propane when equipped with orifice #'s 55 left/ 60 right.
MAY BE INSTALLED IN A BEDROOM OR SITTING ROOM WHEN INSTALLED WITH A LISTED THERMOSTAT CONTROL IN CANADA.
AUSSI POUR L'USAGE DANS LES MAISONS (MANUFACTURÉES) MOBILES APRÈS QUE LA MAISON SE TROUVE SUR LE CHANTIER. Convertible pour l'usage avec le gaz naturel ou le propane comme suit :Pour le gaz naturel une fois équipé orifice #'s 43 gauche/54droit. Pour le propane une fois équipé de l'orifice # '55gauche/60droit.
PEUT ÊTRE INSTALLÉ DANS UNE CHAMBRE À COUCHER OU UN SALON UNE FOIS INSTALLÉ AVEC UN THERMOSTAT ÉNUMÉRÉ AU CANADA.

MINIMUM CLEARANCES TO COMBUSTIBLES / ESPACES MINIMUM REQUIS ENTRE L'APPAREIL ET DES MATÉRIAUX COMBUSTIBLES.

Unit to Sidewall/Unité au mur l'atéral	76 mm (3in)
Floor/Plancher	305 mm (12in) in front of unit
Top shroud to 12" Mantle	152 mm (6 in)
Top shroud to 6" Mantle	102 mm (4in)

The minimum size fireplace into which the gas fireplace insert can be installed should be 850 mm(33.5 in) wide, 625 mm (24.5 in) high and 380 mm (15 in) deep. Minimum chimney flue size 76 mm x 152 mm (3in x 6 in).
La grandeur minimum de foyer dans lequel le foyer au gaz encastré peut être installé est de 850 mm (33.5 pce) large, 625 mm (24.5 pce) haut et 380 mm (15 pce) profond. La grandeur minimum d'un conduit de cheminée est de 6 mm x 152 mm (3 pce x 6 pce).

Electrical Rating: 115 Volts, 0.7 Amp, 60 Hz

DANGER: Risk of electrical shock. Disconnect power before servicing unit. Do not route power cord beneath heater.
DANGER: Risque d'électrocution. Débrancher le courant avant de réparer l'unité. Ne pas mettre la corde d'alimentation en dessous de l'appareil de chauffage.

This appliance must be installed in accordance with the Standard *CAN/CSA Z240 MH, Mobile Housing*,in Canada, or with the *Manufactured Home Construction and Safety Standard, Title 24 CFR*,Part 3280, in the United States, or when such a standard is not applicable,*ANSI/NCSBCS A225.1/NFPA 501 A, Manufactured Home Installations Standard./* Cet appareil doit être installé selon les codes *CAN/CSA Z240 MH,* maisons (manufacturées) mobiles, au Canada,

WARNING: Failure to install this appliance per the manufacturer's instructions or failure to use only parts specifically approved with this appliance may result in property damage or personal injury

AVERTISSEMENT : Ne pas installer cet appareil selon les instructions du fabricant ou ne pas utiliser seulement les pièces spécifiquement approuvées pour cet appareil peut conduire à des dégâts matériels ou dommages corporels.

This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owners manual for details. This appliance is not convertible for use with other gases unless a certified kit is used.
This vented gas fireplace is not for use with air filters. convertible for use with other gases, unless a certified kit is used.
Cet appareil sert seulement avec le type de gaz indiqué sur la plaque de contrôle et peut être installé dans un marché des accessoires, maison (mobile) de manière permanente placée et manufacturée où non interdit par des codes locaux. Voir le manuel d'installation pour des détails. Cet appareil n'est pas convertible pour l'usage avec d'autres gaz à moins qu'un kit certifié soit employé. Ce foyer au gaz à évent ne peut être utilisé avec des filtres à air.

Manufactured in U.S.A. by: **Blaze King Industries**
146 A Street , Walla Walla , WA
U.S.A. 99362

Manufactured in Canada: **Valley Comfort Systems Inc.**
1290 Commercial Way, Penticton, B.C.
V2A 3H5 Canada

Manufacture Date:

☐ 2008	☐ 2009	☐ 2010	☐ 2011	☐ 2012
☐ JAN	☐ FEB	☐ MAR	☐ APRIL	☐ 2012
☐ MAY	☐ JUNE	☐ JULY	☐ AUG	☐ 2013
☐ SEPT	☐ OCT	☐ NOV	☐ DEC	☐ 2014

#0374ef

GENERAL INFORMATION

APPLIANCE CERTIFICATION

This appliance is tested and certified to the following US and Canadian gas appliance standards.

- ANSI Z21.88b-2009 / CSA 2.33b-2009 Vented Gas Fireplace Heaters,
- CAN/CGA-2.17-M91 Gas-Fired Appliance fo Use at High Altitudes
- CSA P.4.1-02 Testing Method for Measuring Annual Fireplace Efficiency

Please contact Valley Comfort or Blaze King, if you have any questions regarding the certification of this appliance.

INSTALLATION CODES

This appliance must be installed by a qualified gas appliance installer. The installation must conform with the local codes or, in the absence of local codes, with the current National Fuel Gas Code, ANSI Z223.1/ NFPA 54, in the US or Installation Code, CSA-B149.1, in Canada. Electrical connections and grounding must be in accordance with local codes, if any, if not, follow the current CAN/CSA C22.1 in Canada and ANSI/NFPA 70 in the US. This appliance is certified for installation in a bedroom or a bedsitting room. This appliance is only for use with the type of gas indicated on the rating plate. See owner's manual for details. This appliance is not convertible for use with other gases, unless a certified kit is used. This appliance must be installed in accordance with the current Standard *CAN/CSA Z240 1411, Mobile Housing,* or with the *Manufactured Home Construction and Safety Standard Title 24 CFR, Part 3280,* or when such a standard is not applicable, *ANSI/NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard.*

Only for direct discharge without duct connection. This appliance must be direct vented using listed and approved Simpson Dura-Vent, Selkirk, Security or American Metal Products vent components.

SPECIFICATIONS

MODEL *The Torino*	Natural Gas (NG)	Propane (LP)
Manifold Pressure	3.5 in. w.c. (0.87kPa)	10.0 in. w.c. (2.49kPa)
Min. Supply Pressure for Purpose of Input Adjustment	5 in. w.c. (1.24 kPa)	12.0 in. w.c. (3.0 kPa)
Orifice Size	DMS # 43 left / 54 right	DMS # 55 left / 60 right
Nominal Input Rating	33,200 BTU/hr	32,800 BTU/hr
Minimum Input Rating	23,800 BTU/hr	25,500 BTU/hr
Altitude	0 - 4,500 ft. (0 - 1372 m)	0 - 4,500 ft. (0 - 1372 m)
Primary Air Opening	50% (Minimum).	open
Electrical Rating	120 V.A.C. / 0.7 Amp / 60 Hz	120 V.A.C. / 0.7 Amp / 60 Hz

HIGH ALTITUDE INSTALLATION

When installing this appliance beyond 4500 ft. (1372 m) above sea level, the appliance must be properly de-rated and installed according to local codes, in the absence of local codes, with the current National Fuel Gas Code, ANSI Z223.1/ NFPA 54, in the US or Installation Code, CSA-B149.1, in Canada.

APPLIANCE DIMENSIONS

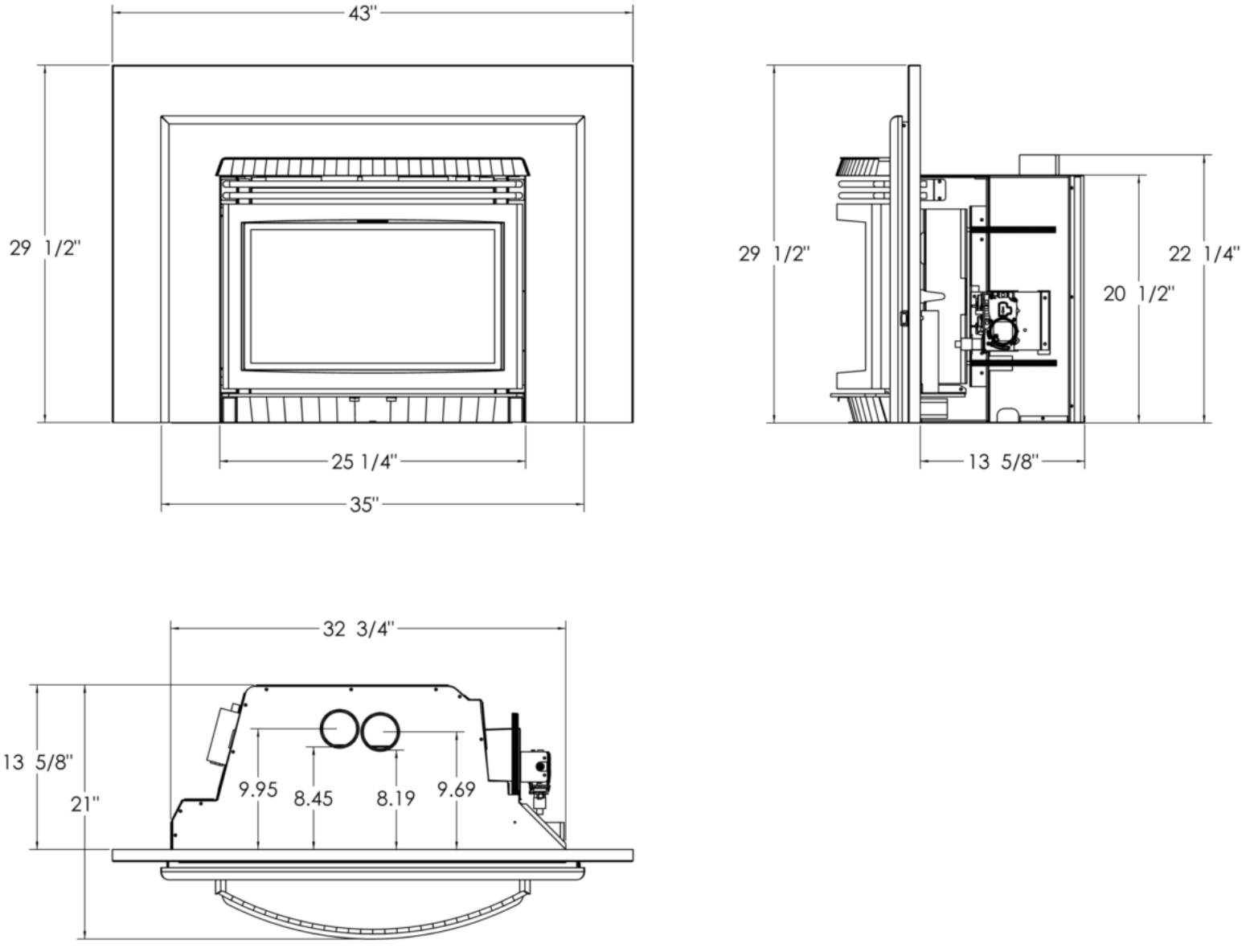


Fig.1

INSTALLATION INSTRUCTIONS

PRECAUTIONS

- This appliance must be installed by a qualified gas installer and the installation conform to the installation codes.
- Provide adequate clearances for proper operation and servicing of the appliance.
- This appliance must be properly connected to a venting system.
- This appliance must NOT be connected to a chimney flue serving a solid-fuel appliance.

PREPARATION FOR INSTALLATION IN A SOLID-FUEL BURNING FIREPLACE

The installer must mechanically attach the marking label #0163 supplied with the gas fireplace insert to the inside of the firebox of the fireplace into which the gas fireplace insert is installed.

Cutting any sheet-metal parts of the fireplace, in which the gas fireplace insert is to be installed, is prohibited.

"If the factory-built fireplace has no gas access hole(s) provided, an access hole of 1.5 inch (37.5 mm) or less may be drilled through the lower sides or bottom of the firebox in a proper workmanship like manner. This access hole must be plugged with non-combustible insulation after the gas supply line has been installed."

GAS CONNECTIONS

Have your gas supplier or a qualified gas fitter run a gas supply line into the gas fireplace. The line must be properly sized and fitted according to the installation codes. Upstream of the supply connection, the fitter shall provide a manual shut-off valve.

CAUTION: The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure-testing of that system at test pressures in excess of 1/2 psig (3.5 kPa). The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure-testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa). Failure to do so will damage the appliance's gas valve. Such damage is not cover by the manufacturer's warranty.

Check for proper gas supply pressure by loosening the set screw on supply pressure tap on the gas valve with a small flat tip screw driver and placing a test gauge on the tap.
The minimum permissible gas supply pressure is 5.0 in. w.c. (1.24 kPa) for natural gas and 12.0 in. w.c. (3.0 kPa) for propane. Maximum gas supply pressure should never exceed 14.0 in. w.c. (3.48 kPa) or 1/2 psi. for both natural gas and propane.

BE SURE TO TIGHTEN THE PRESSURE TAP SET SCREW AFTER CHECKING THE PRESSURE.

Before connecting the appliance to the gas supply line, double check that the appliance you have purchased is designed for the gas type you are using. The gas type markings are located on the certification label and also on the appliance's gas valve.

Adequate clearance for proper installation and checking of the gas connections must be provided. All gas connections must be checked for gas leaks.

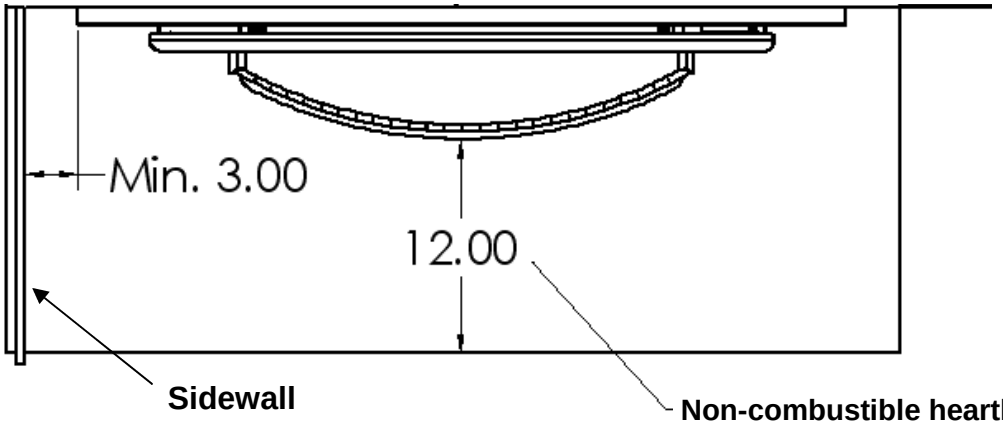
INSTALLATION INSTRUCTIONS - CLEARANCES

CLEARANCES TO COMBUSTIBLES

MODEL - The Torino Insert

A	Side Unit (Shroud) to Side wall	min. 3" (76 mm)
B	Floor in front of unit	min. 12" (304 mm)
C	Top shroud to 6" Mantle	min. 4" (102 mm)

TOP VIEW



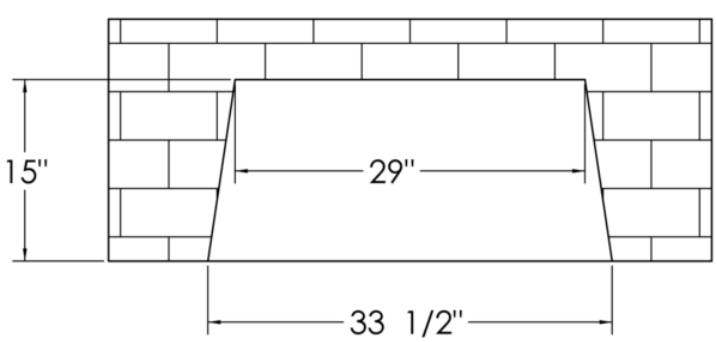
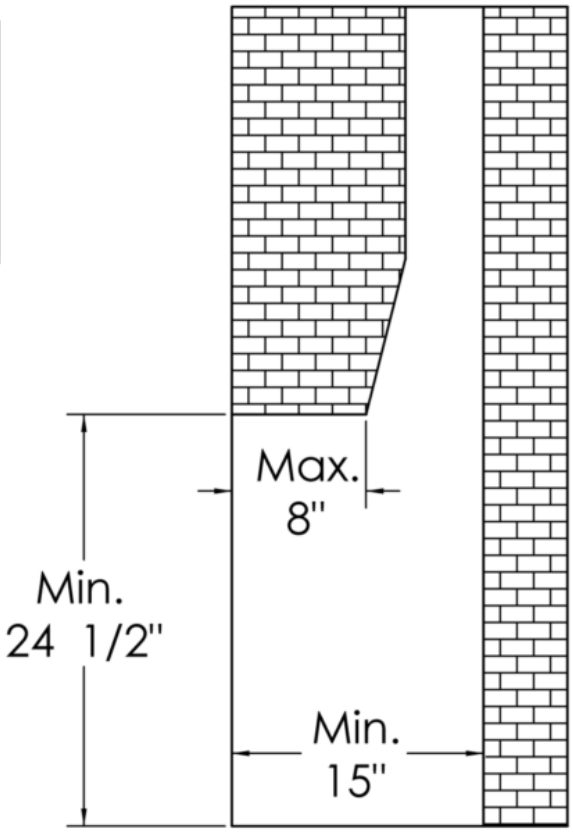


Fig. 3 Required dimensions fireplace opening



INSTALLATION INSTRUCTIONS

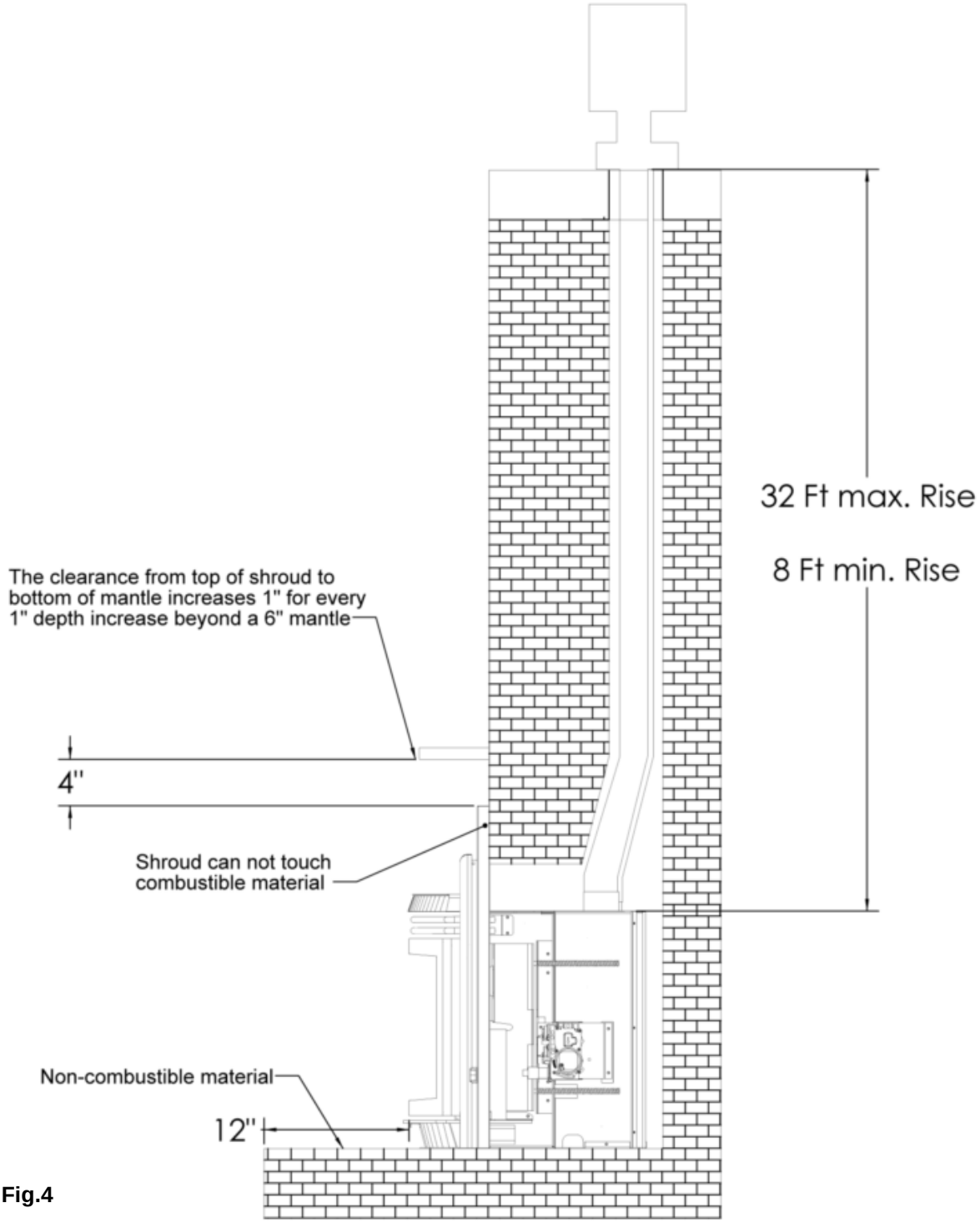

32 Ft max. Rise
8 Ft min. Rise
The clearance from top of shroud to bottom of mantle increases 1" for every 1" depth increase beyond a 6" mantle
4"
Shroud can not touch combustible material
Non-combustible material
12"

Fig.4

Refractory material, glass doors, screen rails, screen mesh and log grates can be removed from the fireplace before installing the gas fireplace insert.
Smoke shelves, shields and baffles may be removed if attached by mechanical fasteners. Trim panels or surrounds shall not seal ventilation openings in the fireplace.

The fireplace flue damper can be fully blocked open or removed for installation of the gas fireplace insert.

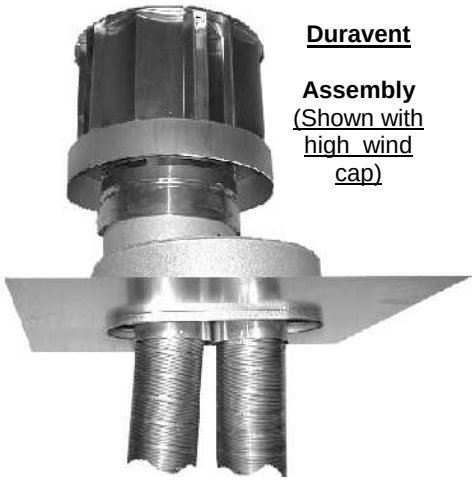
The fireplace and chimney must be clean and in good working order and constructed of non-combustible materials.

Chimney cleanouts must fit properly.

INSTALLATION INSTRUCTIONS - VENTING

Please follow the venting instructions as strictly as possible to obtain the best performance from the appliance.

Only use listed 3" stainless steel flex liner for correct installation
Minimum vertical rise 8Ft. Maximum rise 32 Ft.



Duravent

Assembly
(Shown with high wind cap)

Fig.5

This appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance.

The Torino insert is only certified for vertical terminations.

"WARNING: Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury".

Make a tight connection between the gas fireplace insert flue collar and fireplace chimney.

AMERICAN METAL PRODUCTS COMPONENTS LIST	
Description	**Part #**
Collinear Top Kit	4DCAT33
Vertical Termination	4DVC
SELKIRK VENTING COMPONENTS LIST	
Description	**Part #**
Collinear Top Kit	4DT-CTB
Vertical Termination	4DT-VT
SIMPSON DURAVENT VENTING COMPONENTS LIST	
Description	**Part #**
Collinear Top Kit	**46DVA-GK**
Vertical Termination	**46DVA-VCH**
3" SS flex liner 15ft. long	**3DFPRO-15**
3" SS flex liner 20ft. long	**3DFPRO-20**
3" SS flex liner 25ft. long	**3DFPRO-25**
3" SS flex liner 30ft. long	**3DFPRO-30**
3" SS flex liner 35ft. long	**3DFPRO-35**

INSTALLATION INSTRUCTIONS - VENTING

The exhaust and air intake pipe must be securely fastened to the appliance and terminal and all joints must be secured using a minimum of 3 screws evenly spaced around the pipe. Approximately 1" from the end of the 3" appliance exhaust pipe outlet at the appliance air intake pipe and at the 3" terminal connections apply a bead of Mil Pac or other high heat silicone 1/4" wide. Slide the 3" pipe onto the appliance and secure with 3 screws evenly spaced to the outlet.

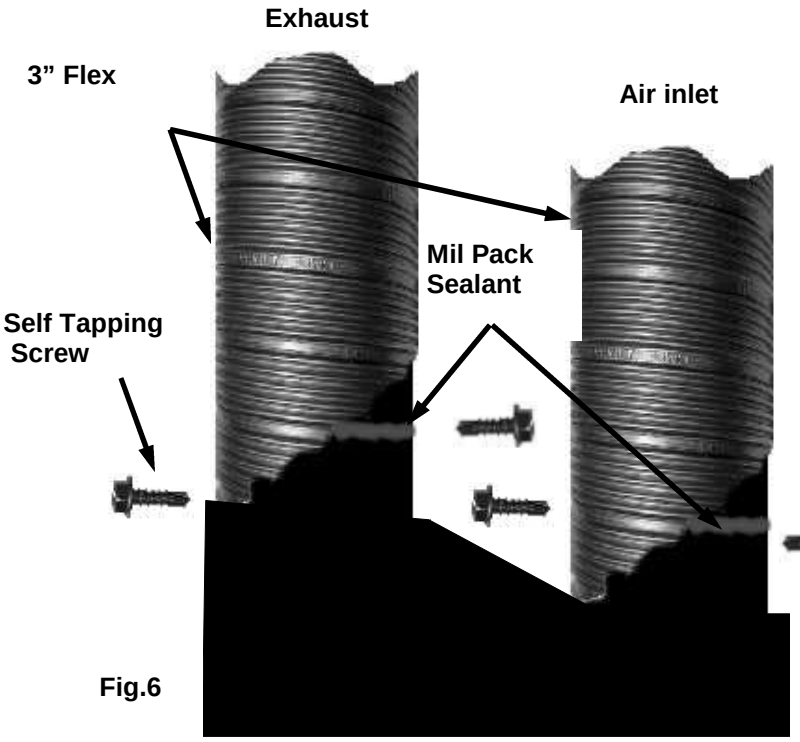


Fig.6

Some general venting rules for best venting performance:

1. Observe local code restrictions, if any, regarding the installation of this type of gas appliance.
2. Terminate the vent with a suitable vent termination.

When installed in accordance with the manufacturer's instructions the combustion air supply will be in the same pressure zone as the vent outlet.

This direct vent appliance must be installed using an approved venting system. All vent pipe joints must be sealed with a high temperature sealant in order to meet the ANSI/CSA leakage limit standards.

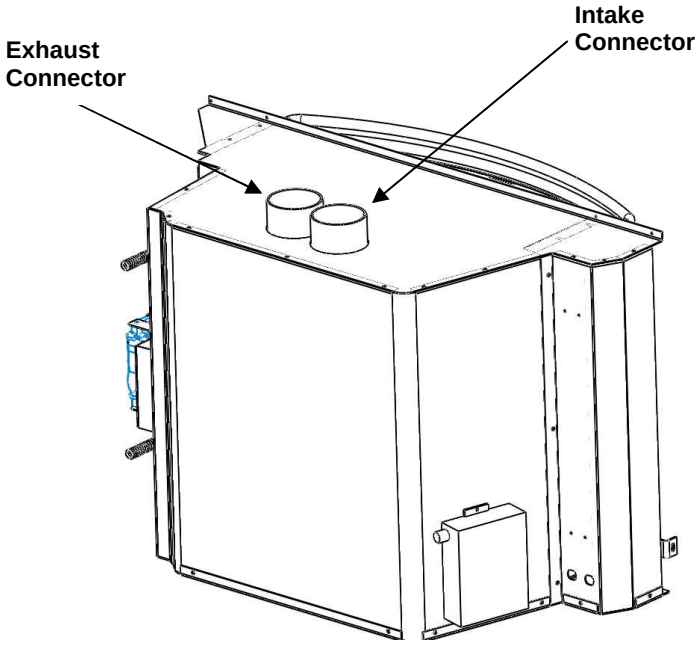


Fig.7 Vent connectors

VENT TERMINAL CLEARANCES

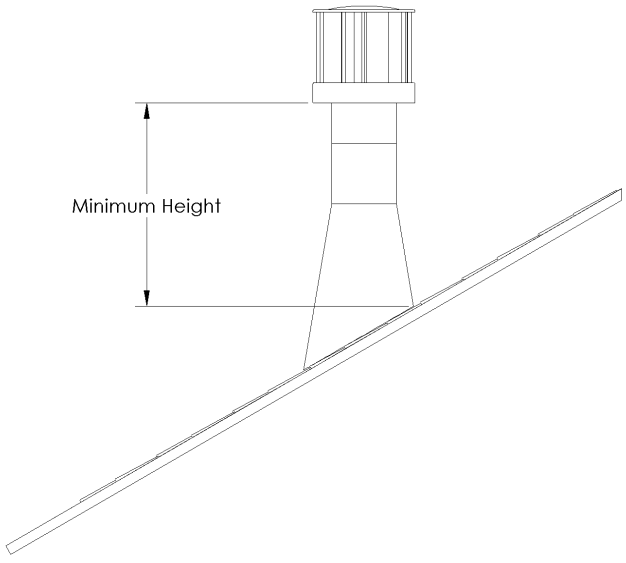


Fig. 8
Consult local codes for minimum vent cap height above the roof (X), vent must be a minimum of 2' from any wall.

INSTALLATION INSTRUCTIONS

SHROUD INSTALLATION

After the unit has been installed it is time to install the shroud. The shroud exist of two parts, the bigger piece gets attached to the unit permanently and covers the fireplace opening, see fig. 9 below. The smaller piece (outer shroud) can be installed and removed for servicing. (see Fig. 11). Fig. 10 on next page shows full installation.

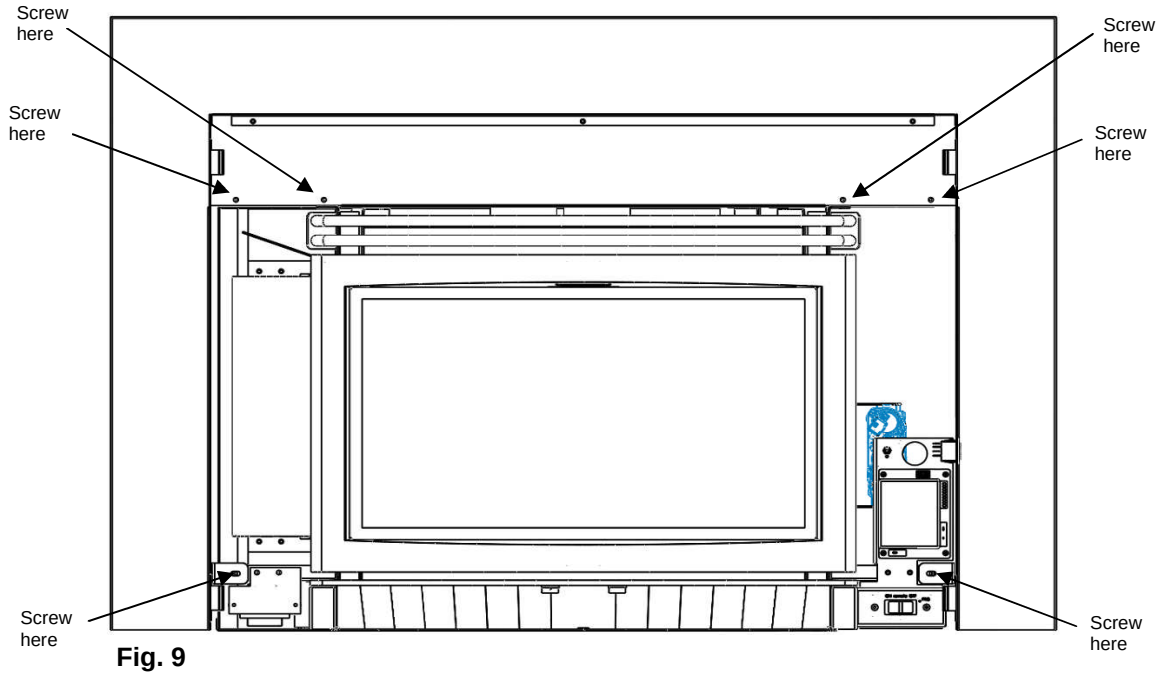


Fig. 9

INSTALLATION INSTRUCTIONS

REMOVAL OUTER SHROUD

The remove the outer shroud undo 2 crews and lift and pull the shroud of (see fig. 11 above). This removal is required to access and service the unit. Make sure to reinstall these screws after servicing as a not proper fixed outer shroud can fall off and cause property damage, personal injury or loss of life.

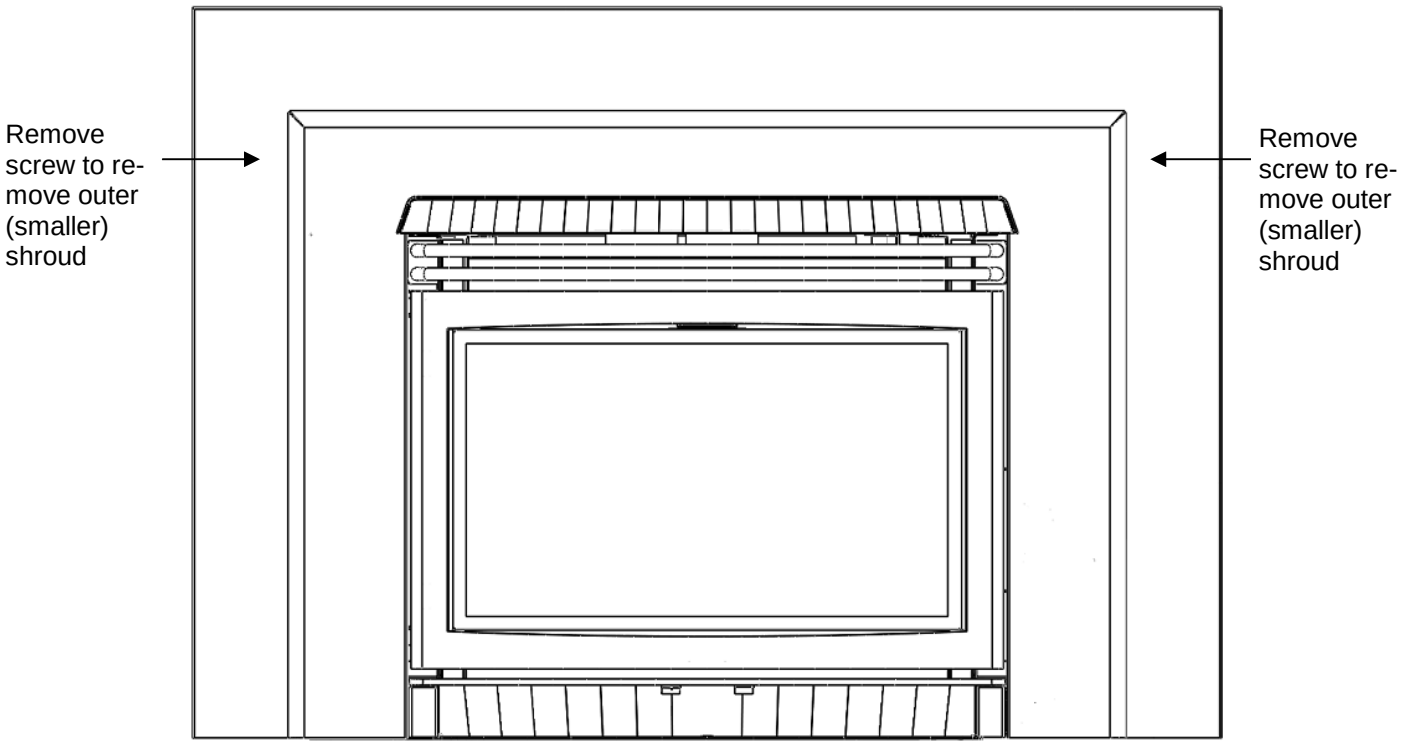


Fig. 10 Finished shroud kit installation

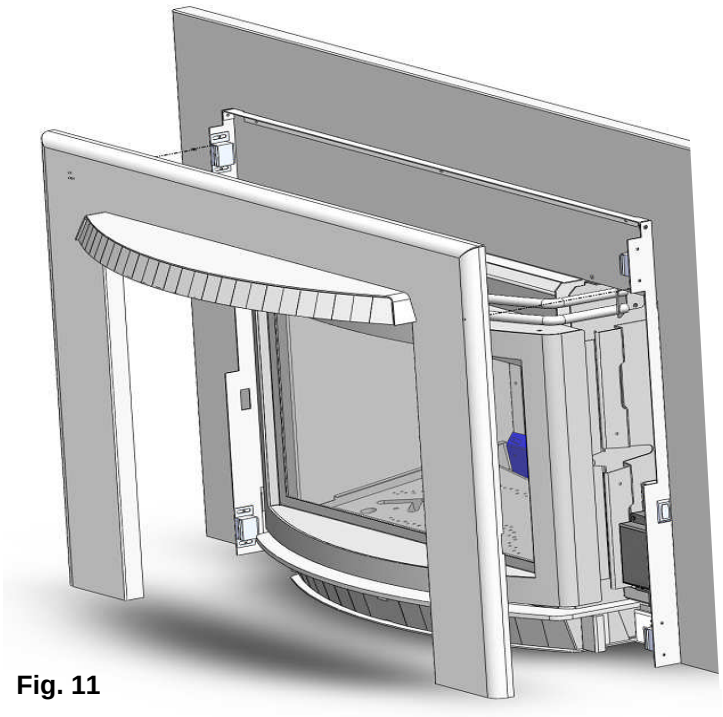
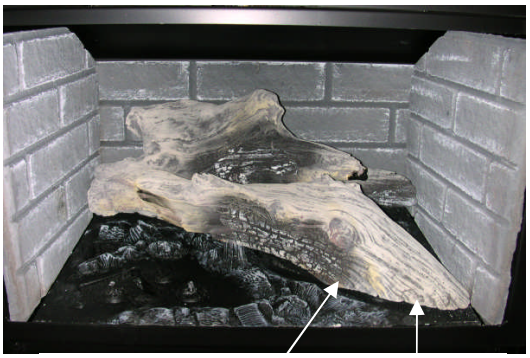


Fig. 11

INSTALLATION INSTRUCTIONS

PLACEMENT OF LOGS AND TWIGS

Step 1: Place rear log on log on pins near the rear center of the burner.



Step 2: Install pins in holes “arrows” and place next log on pins and log support.

Step 3: Install pins in holes “arrows” and place final log on pins as shown.

MAIN FLAME

INTERMITTENT PILOT FLAME:

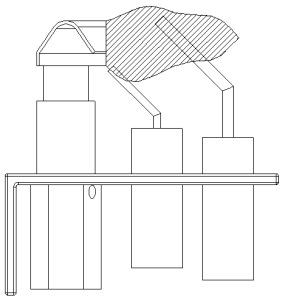


Figure 12

W**ARNING :** Do not place the logs in any other configuration than the one shown. Fire, explosion or excessive carbon monoxide (CO) may result, causing property damage, personal injury or loss of life.

INTERMITTENT PILOT & VALVE

SIT 885 Proflame Valve

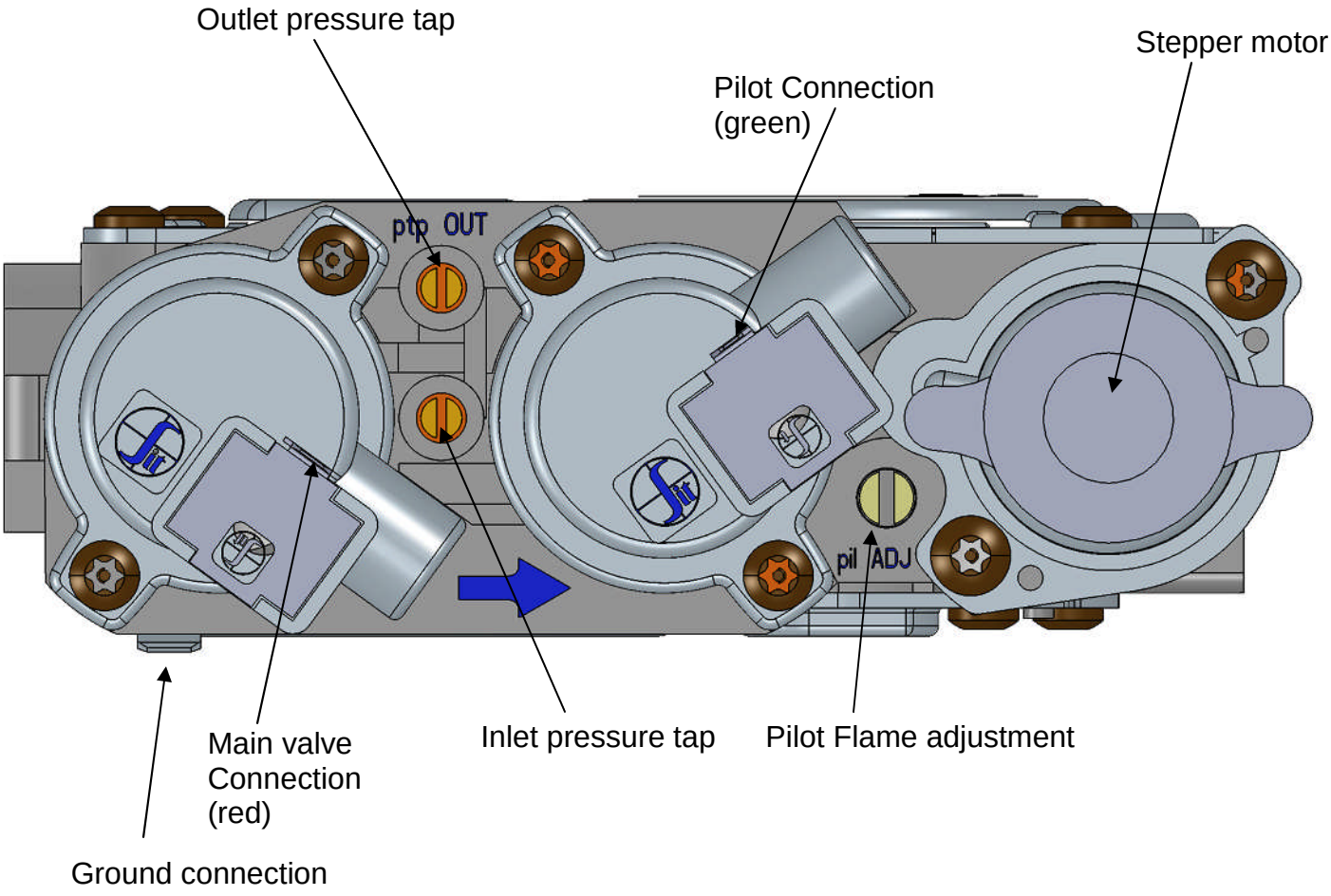


Fig. 13

INTERMITTENT PILOT & VALVE

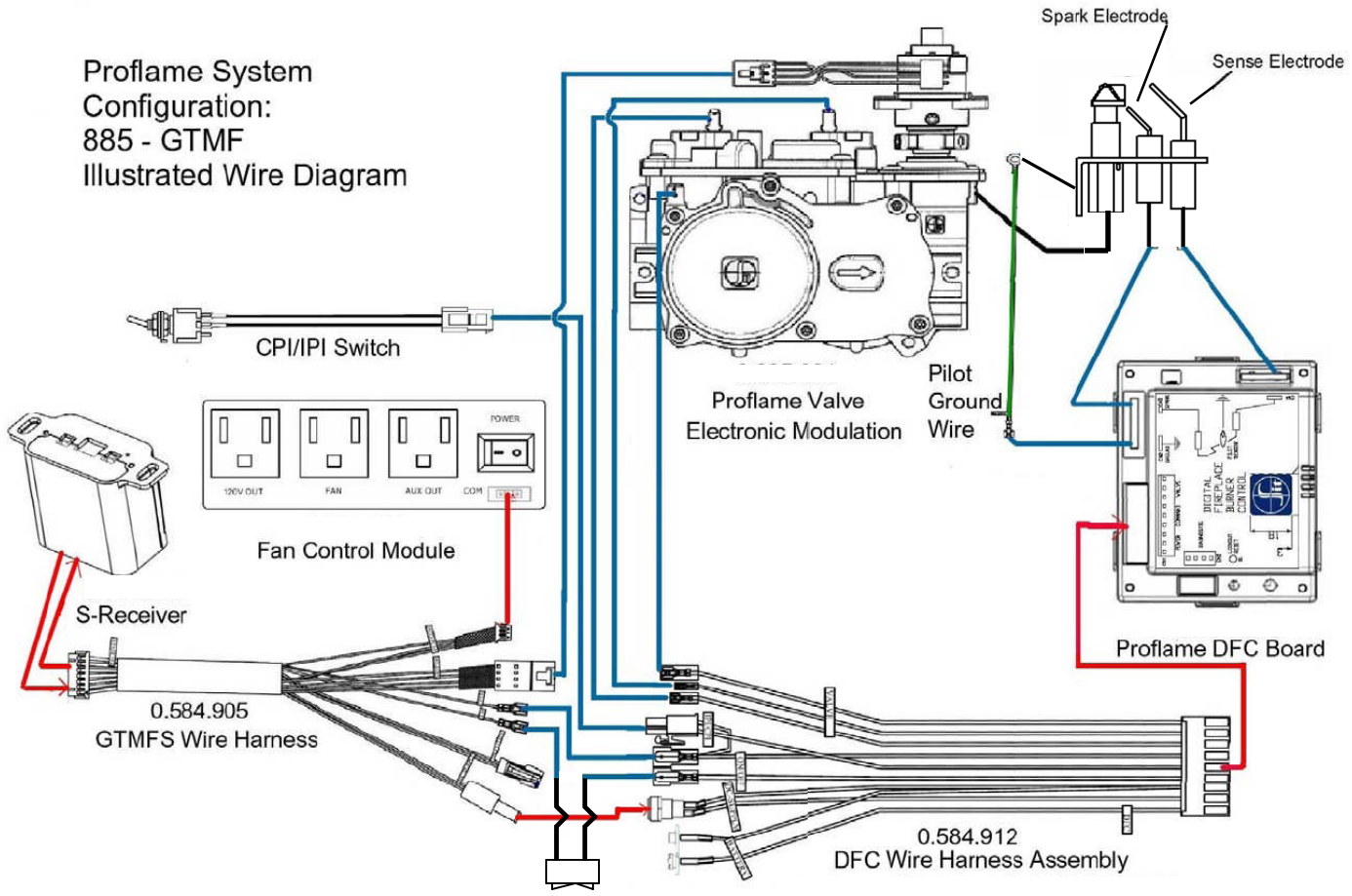


Fig. 14

Manual On/Off Switch
(Use same connections for wall thermostat)

WIRING DIAGRAM

120V/12V CIRCUIT

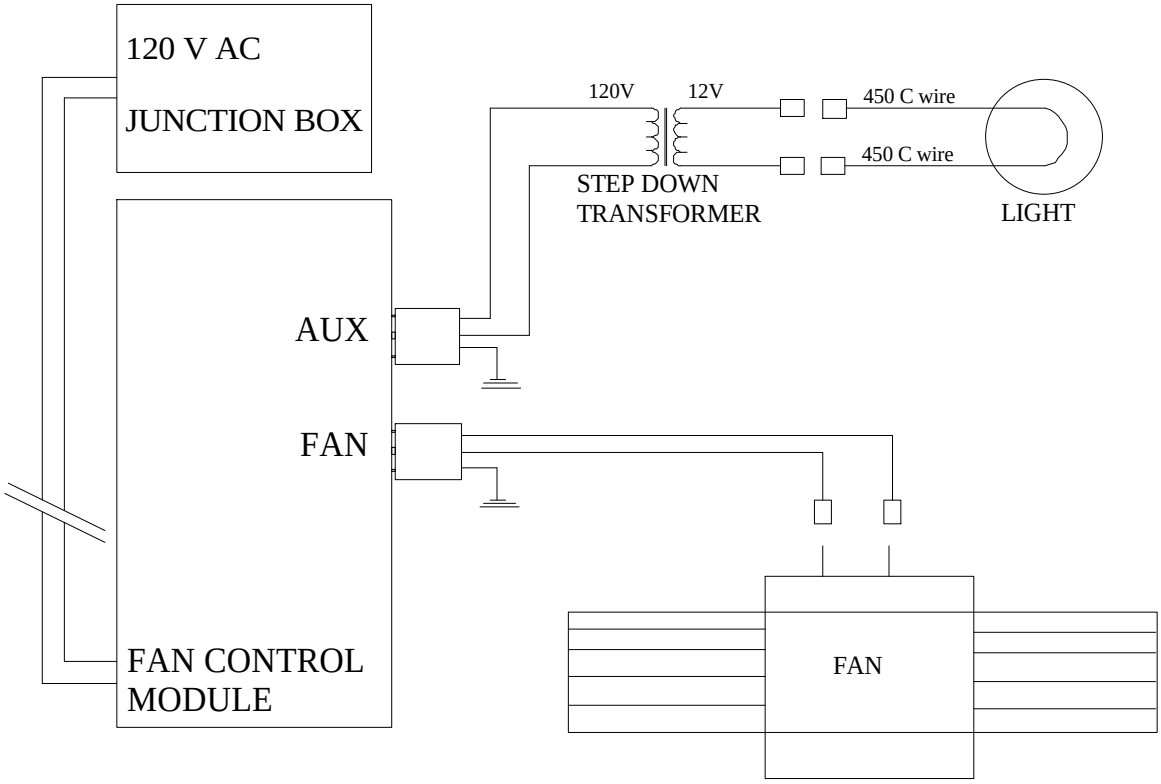


Fig. 15

WARNING
Electrical Grounding Instructions

This appliance is equipped with a three prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three prong receptacle . Do not cut or remove the grounding prong from this plug.

The Appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1.

Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

Verify proper operation after servicing.

LIGHTING INSTRUCTIONS - Intermittent Pilot

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.
B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
WHAT TO DO IF YOU SMELL GAS:
- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

C. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

LIGHTING INSTRUCTIONS

1. **STOP!** Read the safety information above on this label.
2. Set the thermostat to the lowest setting.
3. Turn off all electric power to the appliance.
4. Do not attempt to light the pilot by hand.
5. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
6. Turn on all electric power to the appliance.
7. You must now synchronize the remote with the Receiver/Battery Pack (for 1st time use) by pressing the PRG button on the Battery Pack (fig. 1 (Battery Pack is situated behind the Pedestal front or Louvers)) followed by pressing the "ON" button on the Remote.
8. Press the "ON" button on the Remote (fig. 2) or if not using the Remote turn the switch on the Battery Pack to the "ON" position (see figure1).
9. If the appliance will not operate, follow the instructions "To Turn Off Gas To Appliance" and call your service technician or gas supplier.

TO TURN GAS OFF TO APPLIANCE

1. Press the "OFF" button on the remote or if not using the remote turn the switch on the battery pack to the "OFF" position. (See fig. 1)
2. Turn off all electric power to the appliance.

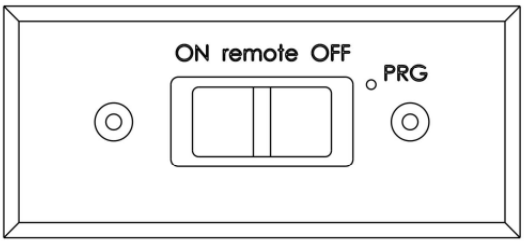


FIG 1: RECEIVER / BATTERY PACK

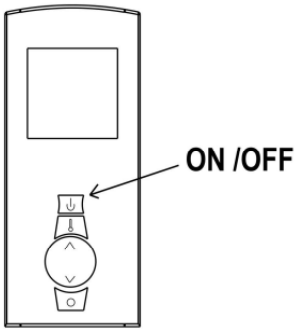


FIG 2: REMOTE CONTROL

#0361Se

HANDHELD THERMOSTAT REMOTE CONTROL-operation instructions

OPERATING PROCEDURE

Initializing the System for the first time

Install the 4 AA batteries into the receiver battery bay. Note the polarity of the battery and insert into the battery bay as indicated on the Battery cover (+/-). Place the 3 position slider switch in the "Remote" position. (fig. 3) Using the end of a paper clip, or other similar object, insert the end of the paper clip into the hole marked "PRG" on the Receiver front cover (fig 3). The Receiver will "beep" three (3) times to indicate that it is ready to synchronize with a Transmitter. Install the 3 AAA type batteries in the Transmitter battery bay, located on the base of the Transmitter. With the batteries already installed in the Transmitter, push the On button. The Receiver will "beep" four times to indicate the Transmitter's command is accepted and sets to the particular code of that Transmitter. The system is now initialized.

Temperature indication Display

With the system in the "OFF" position, press the Thermostat Key and the Mode Key at the same time. Look at the LCD screen on the Transmitter to verify that a C or F is visible to the right of the Room Temperature display. (Fig. 6)

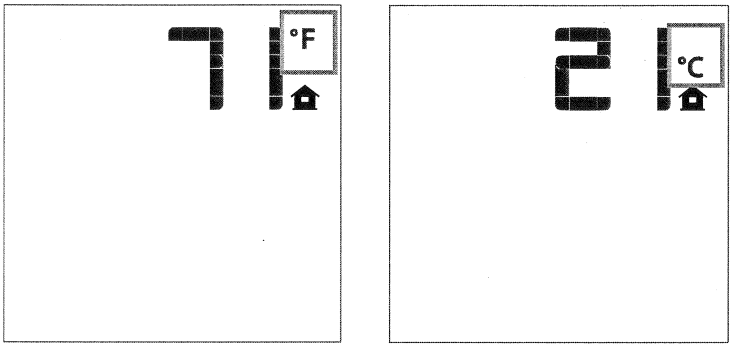


Fig. 6: Remote Control display in Farenheit and Celsius.

Fig. 3: Receiver body

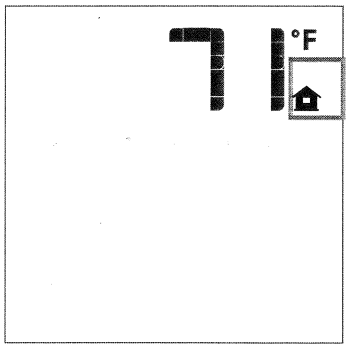


Fig. 7: Remote Control display.

Turn on the Appliance

Press the ON/OFF Key on the Transmitter. The Transmitter display will show all active Icons on the screen. At the same time the Receiver connects the thermopile to the gas valve millivolt coil and the appliance main burner turns on. A single "beep" from the Receiver will confirm reception of the command.

Turn off the Appliance

Press the ON/OFF Key on the Transmitter. The Transmitter LCD display will only show the room temperature and Icon (Fig. 7). At the same time the Receiver disconnects the thermopile from the gas valve millivolt coil and the appliance burner turns off. A single "beep" from the Receiver confirms reception of the command.

HANDHELD THERMOSTAT REMOTE CONTROL-operation instructions

Remote Flame Control

The proflame GTMF has six (6) flame levels. With the system on, and the flame level at the maximum in the appliance, pressing the Down Arrow Key once will reduce the flame height by one step until the flame is turned off.

The Up Arrow Key will increase the flame height each time it is pressed. If the Up Arrow Key is pressed while the system is on but the flame is off, the flame will come on in the high position. (Fig. 8 & 9) A single "beep" will confirm reception of the command.

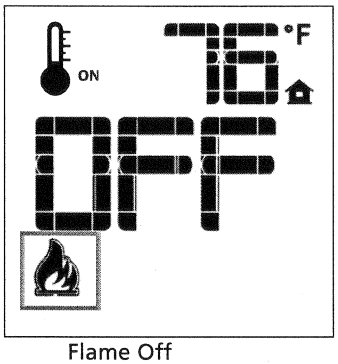
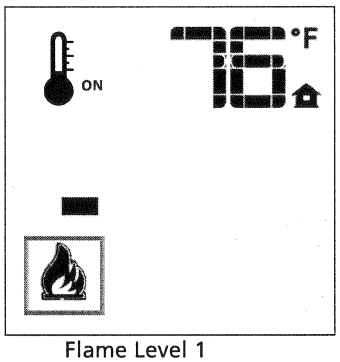


Fig. 8: Flame Off



Flame Level 1

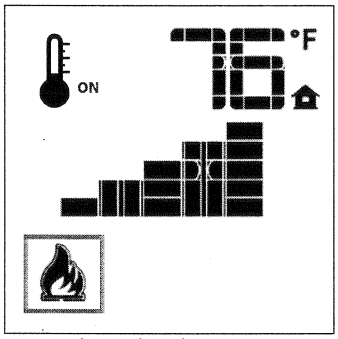
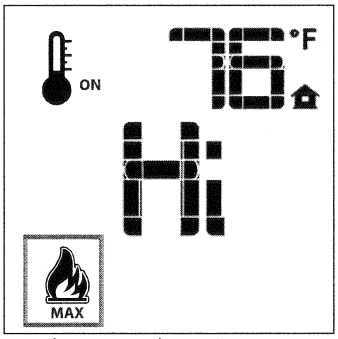


Fig. 9: Flame level 5



Flame Level Maximum

ROOM THERMOSTAT (Transmitter Operation)

The Remote Control can operate as a room thermostat. The thermostat can be set to a desired temperature to control the comfort level in a room.

To activate this function, press the Thermostat Key (Fig. 1). The LCD display on the Transmitter will change to show that the room thermostat is "ON" and the set temperature is now displayed (Fig. 10). To adjust the set temperature, press the Up or Down Arrow Keys until the desired set temperature is displayed on the LCD screen of the Transmitter.

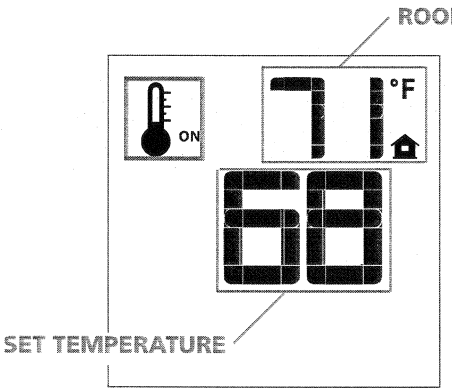


Fig. 10

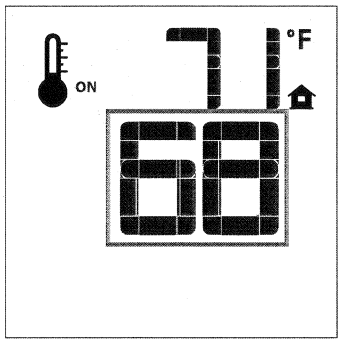


Fig. 11

HANDHELD THERMOSTAT REMOTE CONTROL-operation instructions

Smart Thermostat (Transmitter Operation)

The Smart Thermostat function adjusts the flame height in accordance to the difference between the set point temperature and the actual room temperatures. As the room temperature gets closer to the set point the Smart Function will modulate the flame down. To activate this function, press the Thermostat Key (Fig. 1) until the word "SMART" appears to the right of the temperature bulb graphic (Fig. 12). To adjust the set temperature, press the Up or Down Arrow Keys until the desidered set temperature is displayed on the LCD screen of the Transmitter (Fig. 13).

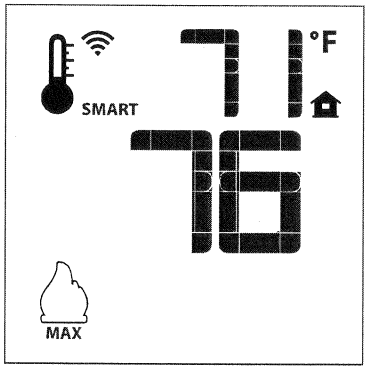


Fig. 12: Smart flame function

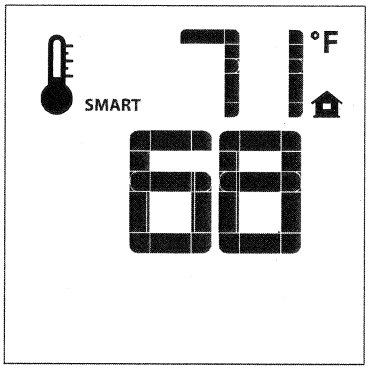


Fig. 13

Fan Speed Control

If the appliance is equipped with a hot air circulating fan, the speed of the fan can be controlled by the Proflame system. The fan speed can be adjusted through six (6) speeds. To activate this function use the Mode Key (fig.1) to index to the fan control icon (Fig. 14). Use the Up/Down Arrow Keys (Fig.1) to turn on, off or adjust the fan speed (fig. 15). A single "beep" will confirm reception of the command.

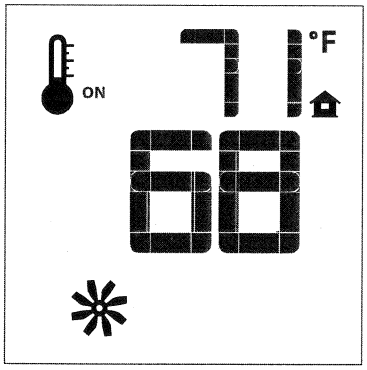


Fig. 14

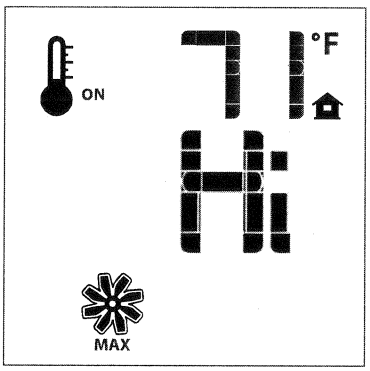


Fig. 15

HANDHELD THERMOSTAT REMOTE CONTROL-operation instructions

Remote Actuated 120V Auxiliary Outlet

The auxiliary function controls the AUX power outlet on the Fan Control Module. To activate this function use the Mode Key (fig. 1) to index to the AUX icon (fig. 16 & 17). Pressing the Up Arrow Key will activate the outlet. Pressing the Down Arrow Key will turn the outlet off. A single "beep" will confirm the reception of the command.

Fig. 16

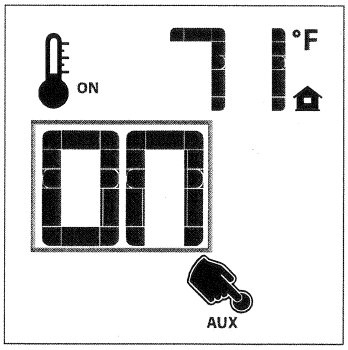


Fig. 17

Key lock

This function will lock the keys to avoid unsupervised operation.
To activate this function, press the MODE and UP Keys at the same time (fig. 18).
To de-activate this function, press the MODE and UP Keys at the same time.

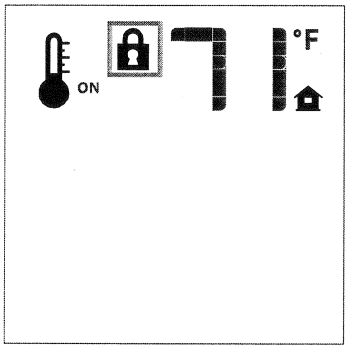


Fig. 18

LOW BATTERY POWER DETECTION

Transmitter

The life span of the remote control batteries depends on various factors: quality of the batteries used, the number of ignitions of the appliance, the number of changes to the room thermostat set point, etc.
When the Transmitter batteries are low, a Battery Icon will appear on the LCD display of the Transmitter (Fig. 19) before all battery power is lost. When the batteries are replaced this Icon will disappear.

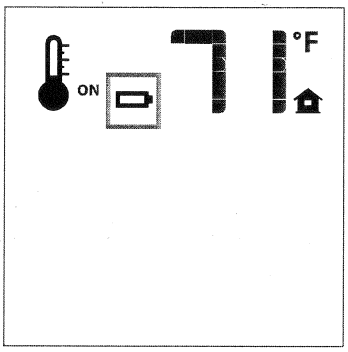


Fig. 19

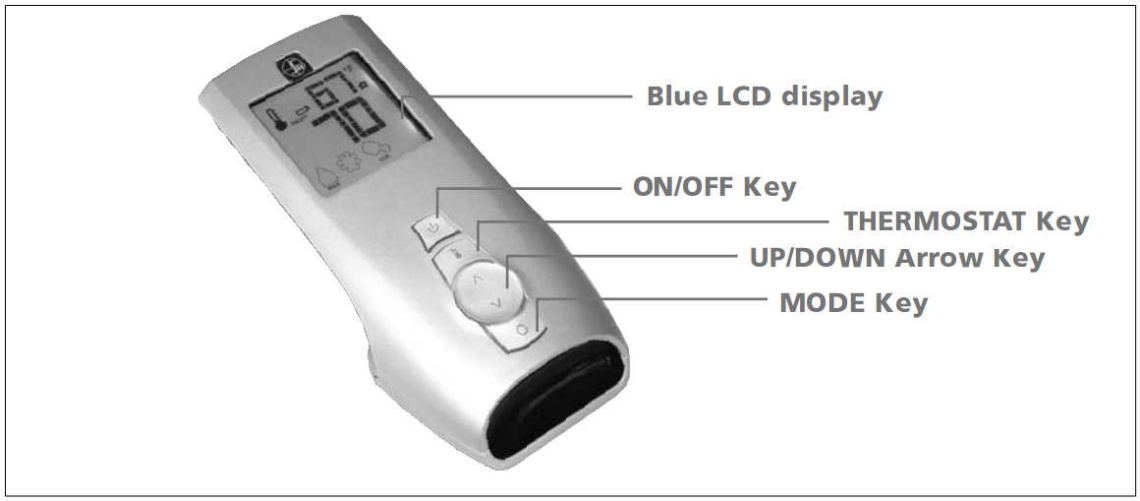
Receiver

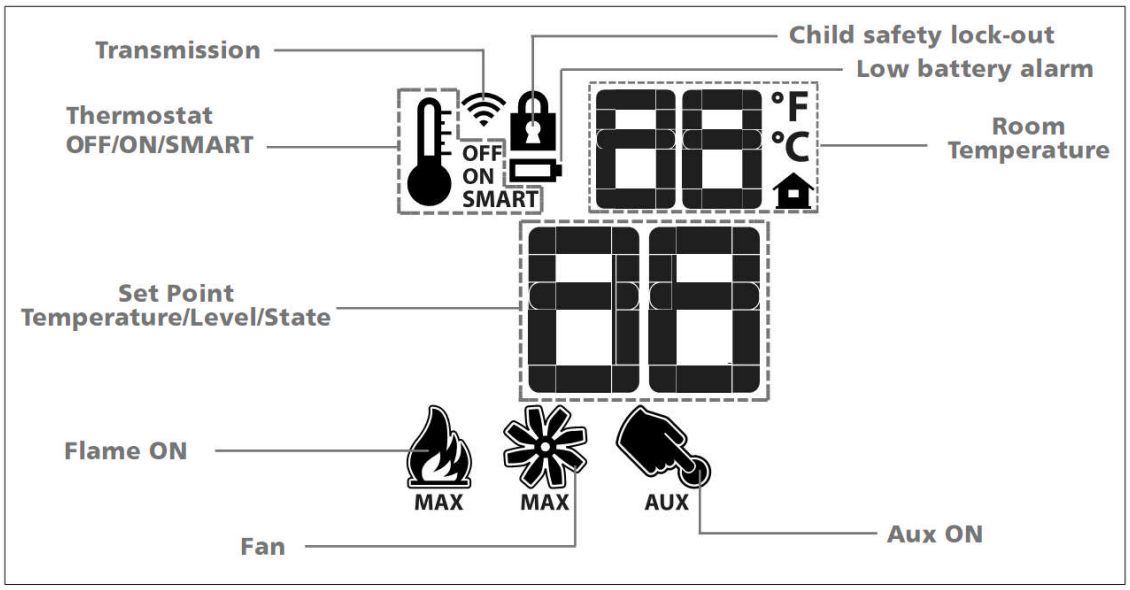
The life span of the Receiver batteries depends on various factors: quality of the batteries used, the number of ignitions of the appliance, the number of changes to the room thermostat set point, etc.
When the Receiver batteries are low, No "beep" will be emitted from the Receiver when it receives an On/Off command from the Transmitter. This is an alert for a low battery condition for the Receiver. When the batteries are replaced the "beep" will be emitted from the Receiver when the ON/OFF Key is pressed (See Initialization of The System).

HANDHELD THERMOSTAT REMOTE CONTROL-operation instructions

MANUAL BYPASS OF THE REMOTE SYSTEM

If the batteries of the Receiver or Transmitter are low or depleted, the appliance can be turned on manually by sliding the three position slider switch on the Receiver to the ON position.
This will bypass the remote control feature of the system and the appliance main burner will come on if the gas valve is in the "On" position.





Continuous pilot

The pilot on this unit will light automatically when turning the unit on.
If a standing pilot is preferred (especially in cold weather) , the pilot can be run continuously by switching the continuous pilot switch to the ON position. The switch is located behind the shroud above the Receiver / Battery pack (see page.. for removal shroud).

MAINTENANCE

CAUTION : Do not conduct maintenance on the appliance while it is operating or while it is still hot.
Make sure switch on the Battery pack / Receiver is in OFF position.
Turning the electric supply off will not prevent unexpected ignition !!

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etcetera. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.

CLEANING THE APPLIANCE

The exterior surfaces and glass may be cleaned with a soft, non-abrasive cloth and water or a suitable, mild, non-abrasive cleaner.

Regularly,

- Clean and remove any lint accumulations or debris from the grills and in any combustion and convection air passage ways.
- Keep the appliance area free from combustible materials, such as paper, wood, clothing, gasoline and flammable solids, liquids and vapors.
- Check for unusual noise, odor and operation of the appliance.
- Check the vent terminal for any damage, or obstruction by plants or debris accumulation.
- Visually check the height and color of the burner and pilot flames.

Once a Year have a qualified service technician,

-Completely inspect the appliance and the venting system.
- Clean and remove any lint accumulations or debris in the firebox, on the burners, on the pilot, at the primary air opening, on the convection air blower and in any combustion and convection air passage ways (See page 32 for fan removal and installation)
- Check the safety system of the gas valve.

WARNING : All parts removed or disturbed must be properly replaced after maintenance. Service and repair must be conducted by a qualified service person. If these instructions are not followed, a fire or explosion may result, causing property damage, personal injury or loss of life.

VERIFY PROPER OPERATION AFTER SERVICING.

MAINTENANCE

PLATING:

1. The plating requires little maintenance and needs only to be cleaned with a soft damp cloth. **Do not use any abrasive cleaning materials.**
2. Avoid fingerprints on gold. Wipe off fingerprints before firing.

DOOR : Check the gasket to see that it is still forming a seal. Replace gasket if there is any sign of wear.

WARNING: Do not operate appliance with the glass front removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person.

VIEWING GLASS REPLACEMENT:

This appliance is supplied with high temperature 5mm high temperature ceramic glass that will easily withstand the heat your unit was designed to produce. In the event the glass breaks, contact your dealer or BLAZE KING to arrange for your glass to be replaced / repaired.

IMPORTANT - GLASS CLEANING - WHITE MINERAL DEPOSITS

One of the byproducts of the combustion process in a gas appliance, is a mineral which can show up as a white film on the ceramic glass of the viewing door. The composition of the deposit varies widely from various locations and also from time to time in the same location. You may have the problem for a time and then not see it for many months when it will reappear in your area. It seems this is associated with the varying sulfur content of the gas. We have discussed this problem with ceramic glass manufacturers and they cannot give us a definitive answer to this problem. Dealers have tried various cleaning products with varying results. The following recommendations will not guarantee results in your particular case. **Ensure the stove is completely cooled before any glass service work is attempted. Make sure switch on the Battery pack / Receiver is in OFF position.**

Turning the electric supply off will not prevent unexpected ignition !!

Clean the glass regularly as soon as you notice the buildup (white film). If the film is left for a long period of time build up will bake on. It is then much harder, if not impossible, to remove.

1. NEVER use an abrasive cleaner on the ceramic glass. Any abrasion of the surface has the immediate effect of lessening the strength of the glass. An emulsion type cleaner is recommended.
2. Use a soft damp cloth to apply the cleaner. Dry the glass with a soft, dry, preferably cotton cloth. Most paper towels and synthetic materials are abrasive to ceramic glass and should be avoided.
3. Our dealers have had good results from the products listed below. We can not however guarantee the results of these products.
   a) BRASSO
   b) POLISH PLUS by KEL KEM
   c) COOK TOP CLEAN CREME by ELCO
   d) WHITE OFF by RUTLAND

NOTE: This is a problem beyond Blaze King's control and is not covered under warranty.

NOTICE: COLD WEATHER OPERATION

When using any gas appliance (LPG or NAT Gas) water is a byproduct of the combustion process. Under normal conditions this moisture is expelled through the vent into the atmosphere and does not cause any harm. In extreme cold weather the vapor may condense and freeze on any exposed surface it comes into contact with. This can cause a problem by restricting or blocking the vent, particularly with direct vent wall terminations as the exhaust is only a few inches away from the outside wall surface. What happens to the moisture after it leaves the vent cannot be controlled by the manufacturer. To extend the vent further out from the wall can sometimes but not always be an advantage. Extending the vent out from the wall may present other design problems such as ice falling from the eaves above. It is the homeowners responsibility to ensure that there is not an excessive build-up of ice on the termination.

CAUTION: WHEN OPERATING YOUR APPLIANCE DURING COLD WEATHER YOU MUST FREQUENTLY CHECK THE EXHAUST CAP FOR EXCESSIVE ICE BUILD UP.

If the appliance begins to operate abnormally—Poor flame pattern, shutting down, etc…, this could be an indication of ice build up.

SERVICING

SERVICING UNDER WARRANTY

Before servicing, read the terms and conditions of the Blaze King warranty at the back of this manual. Contact the Blaze King authorized dealer which you purchased the appliance from and provide him with details of the problem and the installation information which the installer filled out at the back of the manual.

WARNING: Servicing of this appliance must be conducted by a qualified service technician. Improper servicing, adjustment or alteration of this appliance may cause property damage, personal injury or loss of life. All servicing should be conducted with the appliance cold.

ADJUSTING PRIMARY AIR

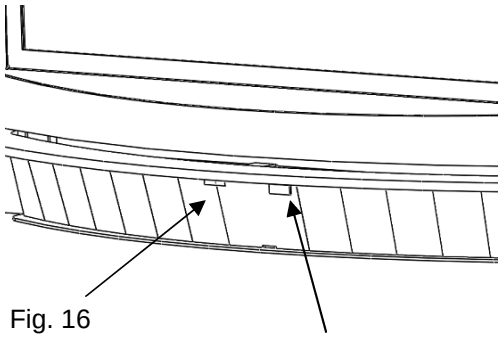


Fig. 16

The air adjuster levers are located under the front door (see Fig. 16)

Sliding the shutter levers back increases aeration while sliding the levers forward decreases aeration.

CHANGING MAIN BURNER ORIFICES

- Remove shroud (see page 13)
- Open the door, remove logs and firebox liner panels.
- Remove the burner.
- Use a 1/2” wrench to unscrew the orifices
- Change the orifices. Do not over tighten.
- Replace all parts in reverse order and properly set the primary air shutters according to the specifications.
- Check for leaks.

CHECKING INLET AND OUTLET GAS PRESSURE

- The pressure test taps are located on the valve.
- The taps are located in the front (see page 15)
- Loosen the set screw inside the tap with a 1/8” wide flat screw driver.
- Connect a 1/4” rubber tube to the tap and a pressure gauge.
- Be sure to tighten the set screw inside the tap after you are finish taking pressure readings.

SERVICING

GLASS DOOR REMOVAL

Removing the Glass Door

- Remove outer shroud
- Unhook the door latch.
- Swing the door open.
- Using a screw driver, remove the top glass retainer, making sure to hold the glass from falling out.
- Lift out and remove door glass with the gasket attached.
- If the glass door is damaged, it **must** be replaced with another glass door certified with this appliance **only**.
- Replacement glass doors are available through your Blaze King dealer (See Replacement Parts page 48)

Replacing the Glass Door

- Check the condition of the glass and the gasket before installing door.
- Replace the window glass and gasket and re-install the top glass retainer.
- Swing the door shut and re-attached the door latch.

If the glass has been damaged contact your dealer and replace the glass and gasket with a new glass and gasket provided by your dealer.

WARNING:

- Do not attempt to remove the glass door when the appliance is hot.
- Do not abuse the glass door.
- Do not strike or slam the glass.
- Do not operate this appliance with cracked or broken glass.
- Do not use any substitute materials.

SERVICING Cont...

REPLACING MAJOR GAS COMPONENTS

If any of the major gas components need to be replaced, such as the pilot or the gas valve, we recommend replacing the complete gas component assembly. The assembly is designed to be quickly and easily replaced with minimal inconvenience to the customer. Once replaced, the service technician can repair the defective assembly safely and comfortably in his shop and with the right tools and test equipment. We encourage our authorized dealers to keep a few replacement gas component assemblies at hand for quick servicing.

Replacing Gas Component Assembly

- Disconnect the gas AND electricity to the appliance. Let the appliance cool to room temperature.
- Shut off the gas supply to the appliance
- Remove outer shroud and open door
- Remove the logs, panels and burner.
- Disconnect orifice and pilot lines from valve.
- Remove the screws holding the gas component assembly to the appliance firebox bottom.
- Gently lift the assembly out of the opening and slide out snap disk, the take the assembly out of the firebox while guiding the gas lines thru the hole.
- Replacing the assembly is the reverse of the above instructions.

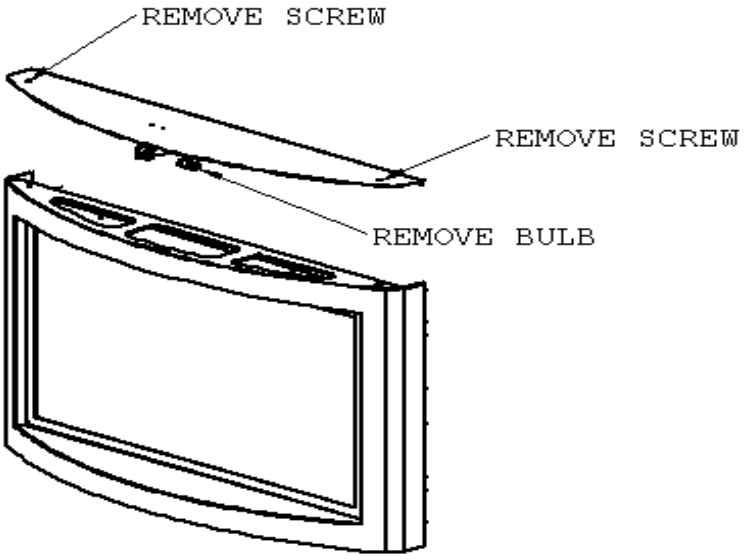
* Check the tray sealing gasket. Replace if damaged.

REPLACING HALOGEN LIGHT BULB

The light is situated at the top of the door. Replace with the light bulb specified in the replacement parts list on page 48. To replace the light bulb follow these instructions:

Ensure the stove is completely cooled before you change the light. Make sure Remote switch on the Module is in OFF position (See figure 9 page 25) and turn burner switch OFF. Turning the electric supply off will not prevent unexpected ignition !!

1. Turn off electric supply
2. Remove outer shroud.
3. Unhook the door latch.
4. Swing the door open.
5. Using a screw driver, remove the two screws on top of the door
6. Carefully lift up the top (be careful with the attached wires)
7. Remove old bulb by pulling straight out, to insert new bulb, push straight in. (Avoid touching glass with bare hands, hold bulb with clean cloth or tissue)
8. Screw top back on, close door securely with door latch and turn power back on.



FUEL CONVERSION

"WARNING"

This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

Conversion Kit Contents

This conversion kit contains the following parts:

1) Z0716P (LPG)> # 60 orifice for the right orifice, # 55 orifice for the left and LPG Stepper motor kit
2) Z0716 (NG)> # 54 orifice for right orifice, # 43 orifice for left and NG Stepper motor kit
3) Conversion Kit labels

To convert from NG to LPG or reverse, follow the next steps.

- Replace orifices, see page 31 for Burner tray removal &installation.
- Replace stepper motor (see next page).
- Convert pilot fuel (see instructions below)

How to convert Pilot fuel:

Use a 7/16" wrench to loosen the pilot hood
Push the little tab in and the little tab with hole should pop out.
The hole stamp tab (LP) out is used for Propane
The stamped tab (NA) out is for Natural Gas
Re-tighten the pilot hood.

Fill out the fuel conversion label on the appliance (inside side doors)

See page 14 for proper pilot and burner flame pictorials.

All valves have been pre-set and certified for installation at elevations from 0 – 4500 feet (1 – 1372m) above sea level.

High Elevations

When installing this unit at higher elevations, it is necessary to decrease the input rating by replacing the existing burner orifice with a smaller size for installations over 2000 feet (608 m). The appliances input should be reduced 4% for each additional 1000 feet (305 m) above sea level. For the USA, de-rate the unit from sea level according to the gas installation code.

Altitude	**Natural Gas Orifice Size**		**Propane Orifice Size**	
	Right	Left	Right	Left
0 – 4,500 ft (0 – 1372 m)	54	43	60	55
4,500 – 6,500 ft (1372 – 1981 m)	55	44	61	56
6,500 – 8,000 ft (1981 – 2438 m)	56	45	62	57

FUEL CONVERSION

STEPPER MOTOR PRESSURE REGULATOR CONVERSION KIT INSTALLATION OR REPLACEMENT INSTRUCTIONS.

Verify that the following items are present in the package.

- *Pressure regulator assembly (E)*
- *Two (2) screws (F)*
- *Identification label (G)*
- *Installation instructions (this document).*

1 *Shut off the gas supply to the valve and shut down the electric supply.*

2 *See Fig. 1. Using a Torx T20, or slotted screwdriver, remove and discard the two (2) pressure regulator mounting screws (A), pressure regulator tower (B), and the spring and diaphragm assembly (C), (If applicable).*

3 *Ensure the rubber gasket (D), which is prefitted as part of assembly (E), is properly positioned, see Fig. 2, otherwise fit the gasket as shown Fig. 2.*

4 *Install the new STEPPER MOTOR pressure regulator assembly, as shown in Fig. 3 and Fig. 4. Use the supplied screws (F), M4 x 0.7 threaded, length of thread L=(16 mm + 0 - 0.5 mm), steel material, resistance class 8.8 (see Fig. 5).*

5 *Manually thread the two conversion kit mounting screws into the valve body. Use a standard screwdriver or T20 Torx bit and tighten to the screws with a fixing torque of 25lb-in ± 5%.*

IN THE EVENT THAT THE THREADS OF THE VALVE ARE STRIPPED OR DAMAGED, ***REPLACE*** *THE VALVE.*

6 *Install the enclosed identification label (G) to the valve body where it can be easily seen.*

7 *Make STEPPER MOTOR and valve electrical connections, apply gas to system and relight appliance according to manufacturers instructions.*

8 *With the main burner "ON", test the new pressure regulator assembly for leaks using a soap solution.*

9 *Relight the main burner and verify proper burner ignition and operation.*

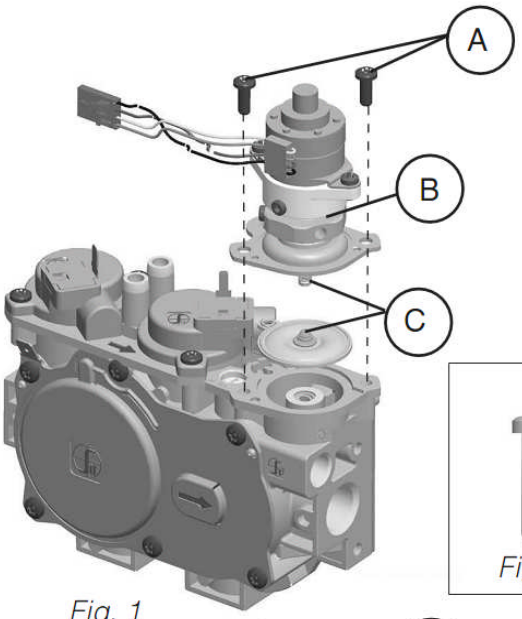


Fig. 1

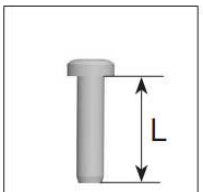


Fig. 5

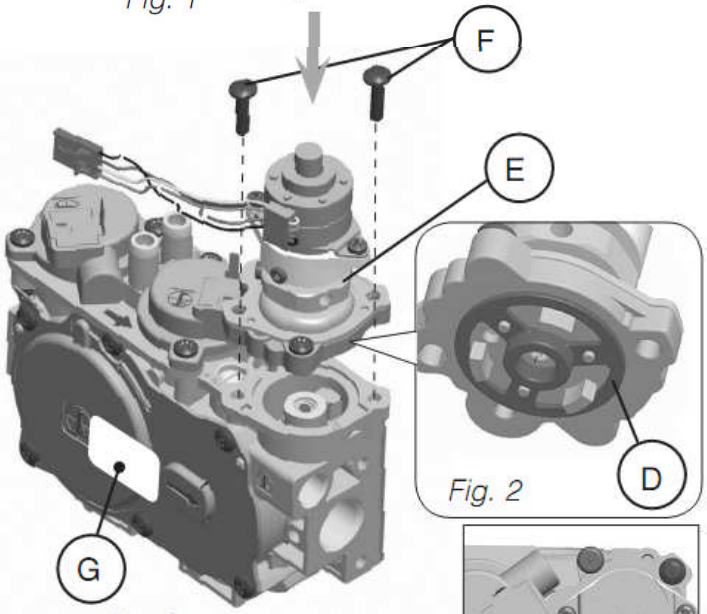


Fig. 2 Fig. 3

Fig. 4

WARNING!
Installation should be carried out in a clean environment.

WARNING!
This modulating conversion kit must ONLY be applied as part of a conversion kit supplied by the APPLIANCE MANUFACTURER for the specific appliance, and type of gas, being converted.

WARNING!
Correct operation of the system cannot be guaranteed if the conversion kit or valve has been dropped or has sustained a strong impact.

INSTALLER NOTICE. These instructions must be left with appliance.

BURNER TRAY REMOVAL AND INSTALLATION

To remove the burner tray from the firebox, follow these steps:

1. Disconnect the gas and electricity to the appliance
2. Take off shroud (see page ..)
3. Open door
4. Take out logs and brick panels
5. Unscrew the two screws holding the burner in place (see fig 10b) **DO NOT TOUCH THE 4 CREWS WITHIN THE BURNER!**
6. Lift out burner at front and take out of firebox

Install burner tray

When placing the burner tray back into the firebox, make sure the mixing tube plenums (see fig 16a) slide over the orifices .Screw burner tray into firebox with two screws (see fig 16b), backup quarter turn on one of the screws (for expansion in material).
When properly installed you should NOT be able to lift up the Burner tray at the back, the burner should just move slightly (the distance between orifice and inside plenum tube) .

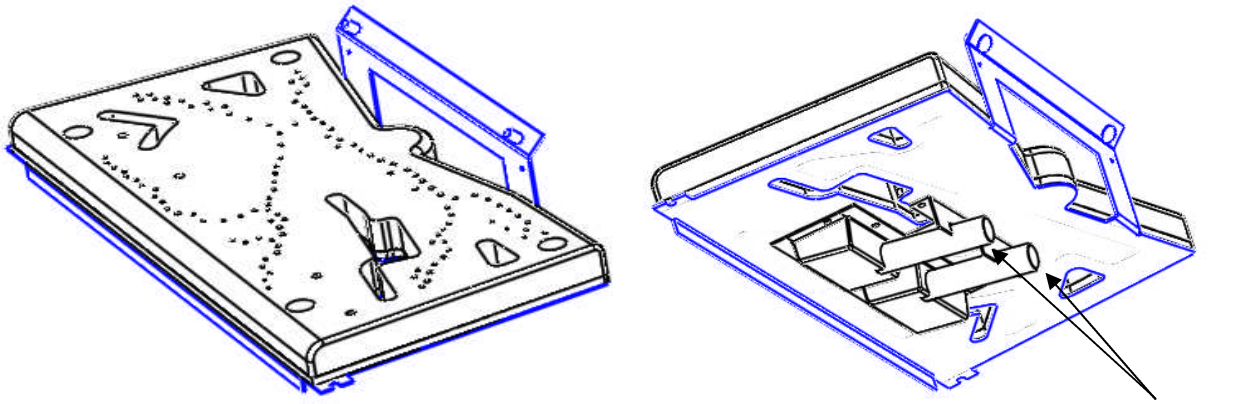


Fig. 16a Burner Tray **Burner Tray** (bottom view)

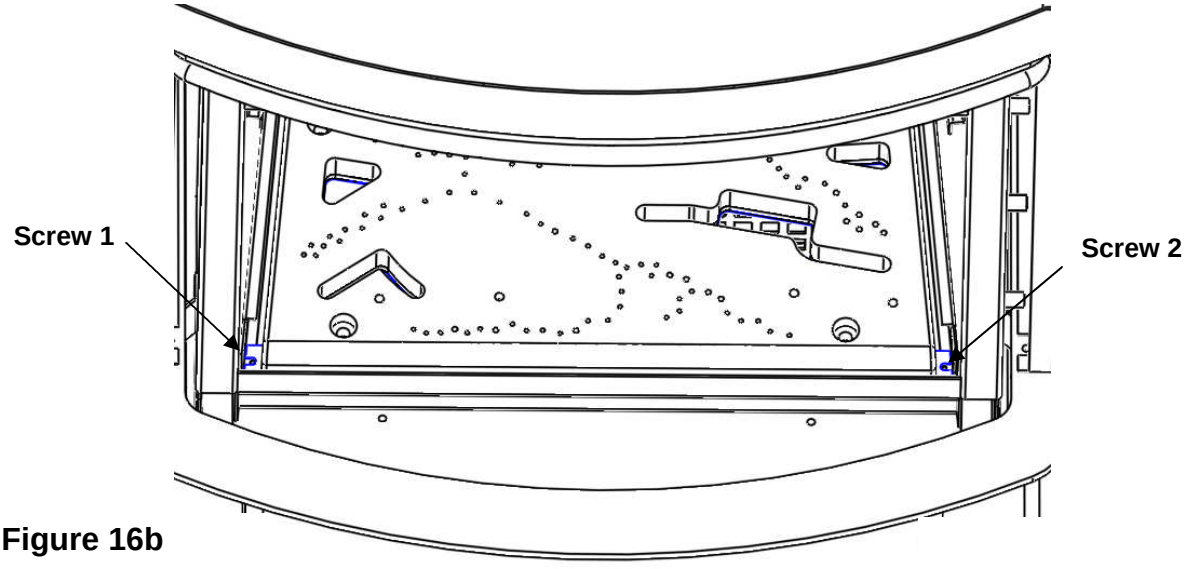
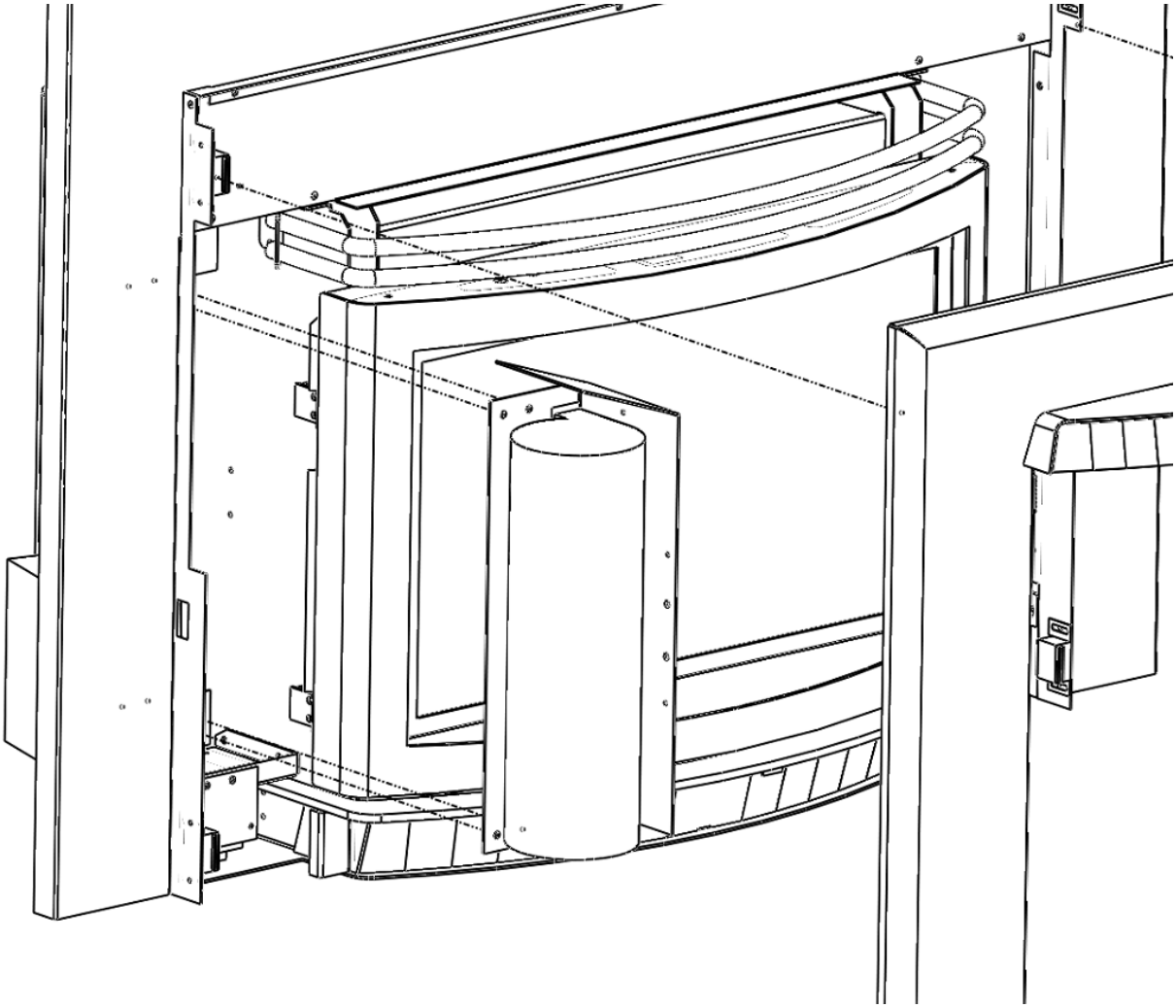


Figure 16b

FAN REMOVAL AND INSTALLATION

To remove the fan, for maintenance or replacement, is easily accomplished by the following steps:

1. Disconnect electrical power to the appliance.
2. Remove outer shroud (see page 13)
3. Disconnect all wires, be sure to label wires prior to disconnecting to ensure they are replaced in the correct location.
4. Remove the 4 screws holding the fan to the rear shell.
5. Installation is the reverse order of the previous steps.



TROUBLESHOOTING

Please check to make sure the instructions are followed exactly before attempting trouble shooting of the appliance.

WARNING: Troubleshooting and servicing of gas and electrical devices of the appliance should only be conducted by a qualified service technician.

The pilot will not stay lit.	1) Confirm that the Spark electrode and sense electrode wires are properly connected to the DFC board (See page 24 for terminal locations) 2) Confirm that the Pilot burner is properly grounded to the DFC board and stove chassis. 3) Check the power source or the battery pack connections and condition of batteries.
If the main burner does not come ON when the manual switch or remote control is turned ON.	1) Confirm that the pilot sparks and lights. 2) Confirm that the Spark electrode and sense electrode wires are properly connected to the DFC board (See page 24 for terminal locations) 3) If using the remote control check the condition of the batteries. 4) Check if there is gas supply to the appliance
Pilot will not light.	1. When lighting the appliance for the first time after installation or after servicing, there is air in the gas line. It takes a while for all the air to purge out of the pilot before gas can reach the pilot and ignite. Remove the glass door and try lighting the pilot many times to purge the air. 2. Check to make sure the gas supply to the appliance is turned on and there is adequate gas supply pressure to the appliance. 3. Check for sparks between the spark electrode and the pilot head when the unit is turned on. If there are no sparks, a. Check for broken or poor connection from the sparker to the electrode. b. Check for the spark shorting or arcing at other locations. c. Check for defective sparker. d. Check for defective spark electrode. e. Check the power source or the battery pack connections and condition of batteries.

TROUBLESHOOTING Cont...

SYMPTOM	ACTION
The main burner shuts off when the appliance is warm.	1. This may be the normal operation of a wall thermostat installed to appliances. 2. Check for good pilot flames on the flame sensor (see fig.3 page 9). 3. Check for proper functioning of venting system (including termination for blockage). 4. Check wire connections. Expansion from heat affects a loose connection 5. Check for adequate grounding from the Module (page 24)
Sooty deposits on the glass door.	1. If the flame is yellow and lazy, check for lint etc. around primary air shutter. Increase primary air by opening the primary air shutter if necessary (See page 34 for adjusting primary air)). 2. Check for proper placement of the logs and branches. Ensure logs and burner are clean. See that section in the instruction manual. 3. Check for proper venting and blockage of the vent termination. 4. Check manifold pressure and clock input rating for over-firing.
Sharp blue flames with flames lifting off the burner at the ends.	1. Too much primary air. Reduce primary air by closing the primary air shutter. During cold temperatures, some flame lifting may occur during start-up (See page 34 for adjusting primary air).
Convection blower does not turn on.	1. The convection fan is thermostatically controlled. It will only turn on when the appliance is warmed-up. This may take up to 15 minutes with the appliance on high. 2. Check for 120VAC electrical supply to the appliance. (Is the cord plugged in?) 3. Check if speed controller is not in OFF position 4. Check for proper mounting of the thermal snap disc (under firebox). 5. Check electrical connections. 6. Check for defective thermal snap disc. 7. Check for defective convection blower speed controller. 8. Check for defective convection blower.

Blaze King Warranty

Gas stoves manufactured by Blaze King Industries and/or Valley Comfort Systems Inc. are covered by a limited lifetime warranty against manufacturers defects in material and workmanship. Details of this comprehensive warranty program are outlined below. In addition to the terms outlined for the limited lifetime warranty, our products carry a 5 year warranty which covers mechanical and electrical components including labor costs outlined below. The combination of these warranty policies provide a very strong coverage package that we are proud to offer you, our customers. Our Blaze King tradition of building high quality products for over 25 years is really your most important assurance of quality but it's nice to know that should something fail (and it occasionally does) you are covered by a warranty policy that leads the industry. To ensure the coverage is in place you must have your unit properly installed by an authorized Blaze King dealer and you must register your ownership. **Blaze King's warranty policy applies only to units sold, installed and/or for use in the USA or Canada. No person is authorized to modify this warranty or make any additional warranties on behalf of the manufacturer, Blaze King.**

Components and parts 5 year warranty:

Blaze King warrants the following parts; blower motors, door gasket, blower speed control, logs, pilot assembly, gas valve, gas lines, thermocouple and/or thermopile against defects in material or workmanship to the original purchaser, for five years following the date of purchase. Consumable items, such as batteries and light bulbs are not covered by warranty.

Labor costs during the 5 year warranty period:

Blaze King manufacturers warranty covers labor costs to the original purchaser based on our schedule of approved charges, provided to our authorized dealers. Blaze King will only be responsible for labor costs provided by our authorized dealers and based upon the schedule.

Limited Lifetime Coverage

This warranty contains different terms that cover specific parts of the gas appliance. Blaze King warrants the following parts of the gas appliance against defects in material or workmanship to the original retail purchaser. For the first five years of ownership, the combustion chamber, heat exchanger and burners will be replaced by Blaze King, conditional upon production availability. From year 6 through to the end of ownership by the original purchaser, Blaze King will provide replacement or repair of the aforementioned parts, conditional upon current production availability, at 50% of current retail price but does not cover any charges relating to labor. This portion of the warranty coverage is not transferable and applies only to the original purchaser.

How to Get Service

If this product requires repair or replacement due to defects in material or craftsmanship during the first five years of ownership, contact your Blaze King dealer and explain the nature of the problem. If the dealer is unable to repair or replace the product to your satisfaction then contact Blaze King at 509-522-2730 in the USA or 250-493-7444 in Canada. If a replacement part is sent directly to you, please contact Blaze King to obtain a Return Authorization Number (RA#) for all defective parts. Blaze King will refuse delivery of any returned packages not clearly showing an (RA#). All expenses relating to the shipping of defective parts or entire stoves will be at purchaser's expense.

Blaze Kings Responsibilities:

If the purchaser has complied with all the terms and conditions of this warranty and if the purchaser has notified Blaze King of the defect prior to the expiration of any warranted items, the following procedure will occur. Blaze King will inspect the product to determine that there is indeed a defect and that the defect is covered by warranty. Blaze King will either repair or replace the product at its' discretion. Under no condition whatsoever does Blaze King provide or imply warranty coverage for venting components used in the installation of our products. This warranty details the obligations and liabilities of Blaze King and no other warranties are expressed or implied. Blaze King reserves the right to investigate and settle all claims against warranted parts at their discretion. In no event shall Blaze King be held responsible for indirect or consequential damages of any nature which are in excess of the original purchase price of the product. Blaze King may at its' discretion discharge any or all obligations by refunding the wholesale price of any defective part or parts.

Misuse of Stove Nullifies Warranty:

The above warranty is conditioned upon the proper installation and use of the product according to the manufacturers instructions as specified in the "Owners Installation & Operations Instructions" and in compliance with applicable local building and fire codes. Blaze King recommends the local building inspector or fire department inspect the unit prior to initial use. Consult the "Owners Installation & Operations Instructions" supplied with each unit prior to installation or operation. Alteration, abuse, lack of maintenance, faulty repairs or misuse will void the warranty. Abuse includes but is not limited to the use of fuels other than as specified in the "Owners Installation & Operations Instructions."

Legal Rights of Purchaser:

This warranty gives you specific legal rights and you may have other rights that vary from state to state (or province to province).

Blaze King Assurance Plan:

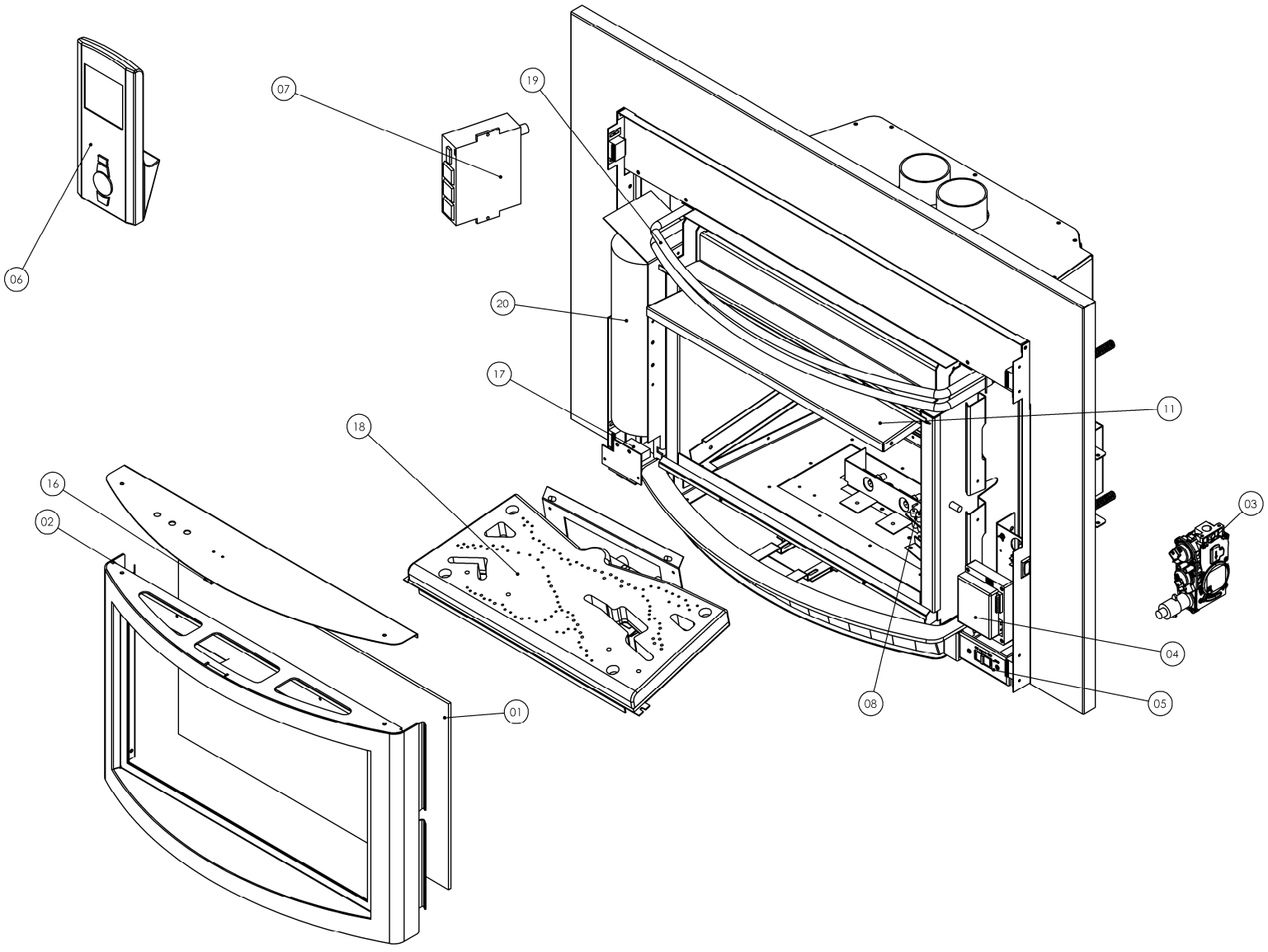
Included with each gas stove manufactured by Blaze King is a Warranty Card, which must be completed in its entirety and returned to Blaze king within ten days from the date of purchase. Blaze King will be unable to properly administer the warranty if the card is not completed and registered on file. The Protection Plan will pay to repair and or replace parts which fail under normal usage at labor rates established by this Agreement. Extra charges such as mileage, overtime or shipping are not covered. Nuisance calls are not covered by the Plan. This Plan is for residential stoves and does not apply to commercial applications. Only repairs attributed to normal failure of the electronic and mechanical functions of the stove are covered. Failure due but not limited to, abuse, negligence, impact, fire, lightning, power failures and or surges, rust and corrosion are not covered. Damage and or repairs to cabinets and all exterior components, remote controls, and normal maintenance, related duct work, power surges, electrical spikes or electrical circuit overloads, filters, knobs, glass, gaskets, block and tile etc., are not covered. Additional or unusual utility bills incurred due to any malfunction or defect in equipment listed on the Plan, labor cost of gaining access to or removal of a unit that requires special equipment or tools such as cranes, ladder trucks, etc., are not covered. These include but are not limited to, cleaning, adjustments of the customer controls and customer product education. Labor, materials, expenses or equipment required to comply with the law and or regulations set forth by any governmental agencies are not covered by this Plan.

Replacement Parts list for The Torino

No Expl. View	Item #	Description	QTY	Unit
	OM1605I	OWNERS MANUAL, THE TORINO INSERT	1	EA
	Z0716P	CONVERSION KIT-NATURAL GAS TO PROPANE 0-4,500ft	1	EA
	Z0717P	CONVERSION KIT-NATURAL GAS TO PROPANE 4,500-6,500ft	1	EA
	Z0718P	CONVERSION KIT-NATURAL GAS TO PROPANE 6,500-8,500ft	1	EA
	Z0716	CONVERSION KIT-PROPANE TO NATURAL GAS 0-4,500ft	1	EA
	Z0717	CONVERSION KIT-PROPANE TO NATURAL GAS 4,500-6,500ft	1	EA
	Z0718	CONVERSION KIT-PROPANE TO NATURAL GAS 6,500-8,500ft	1	EA
01	0245	GLASS CERAMIC (22-5/8" x 13-1/2")	1	EA
02	0254C	DOOR GASKET (73-1/4")	1	EA
03	M \SIT0885001	SIT VALVE - MODEL PROFLAME 885	1	EA
04	M \SIT0584302	CONTROL MODULE	1	EA
	M \SIT0584912	MODULE/VALVE WIRE HARNESS	1	EA
	M \SIT0584905	WIRE HARNESS RECEIVER	1	EA
05	M \SIT0584521	RECEIVER / BATTERY PACK	1	EA
06	M \SIT0584023	REMOTE TRANSMITTER SIT	1	EA
07	M \SIT0584121	FAN MODULE	1	EA
08	0712A	PSE PILOT (PSE-C7-520)	1	EA
	0821	LOG SET (3 PIECES)	1	EA
09	1670	BRICK PANEL SET (3 PIECES)	1	EA
10	6065	BRICK PANEL CLIP	2	EA
11	1668	FLUE BAFFLE	1	EA
12	1144AA	SNAPDISK F130	1	EA
15	0719C	AIR BLOWER	1	EA
16	0779A	LIGHT BULB HALOGEN BI-PIN 12V 20W G6.35	1	EA
17	H \Z0780	TRANSFORMER 120V ->12V	1	EA
18	M \Z1605B	BURNER TRAY ASSEMBLY	1	EA
19	H \Z1634	UPPER DOUBLE BAR TRIM (Choose black, satin, onyx or gold)	1	EA
20	0719C	BLOWER	1	EA

Parts can be ordered through your local dealer or distributor by giving PART # and DESCRIPTION.

THE TORINO INSERT



NOTES

SERVICE HISTORY

DATE	CORRECTIVE ACTION (INCLUDE REPLACEMENT PARTS)